The Bombay Gazette.

No. 7,403.—New Series. BOMBAY :—SATURDAY, DECEMBER 4, 1869. Annual Subscription in Advance... ..Rupees Fifty-two.

THE BOMBAY GAZETTE.

TERMS OF SUBSCRIPTION.

For year in advance delivered in Town .....Rs. 52 0
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In the Native Languages, double the above.
Domestic Occurrences. Each—Rupee 1.

All Cheques, Money Orders, and other Remittances should be made payable to the "Proprietor of the *Bombay Gazette*."

SHIPPING.

STEAM COMMUNICATION WITH THE MALABAR COAST, CEYLON, MADRAS, & CALCUTTA.

THE British India Steam Navigation Company (Limited), under contract with Government, despatch Steamers as above, with Mails, Passengers, and Cargo, every fourteen days.

The Steam-ship ARABIA, 1,627 tons, 200 H. P., Commander J. Saunders, will be despatched on TUESDAY, the 7th December at noon.

	Dec.		Dec.
Leave Bombay.....	7	Leave Galle	14
" Carwar	8	" Negapatam	17
" Mangalore	9	" Madras	20
" Cannanore	10	" Coconada	22
" Calicut	10	" Vizagapatam	23
" Beypore	10	" Bimlipatam	23
" Cochin	11	" Gopalpore	24
" Tuticorin	12	" False Point.....	25
" Colombo	13	Arrive Calcutta.....	26

This route is the most expeditious and economical for Passengers for the Neilgherrie district, Bangalore, and Madras, who can land at Calicut for Beypore, and proceed from thence by rail.

Passengers for Calcutta can take the same route, picking up the steamer at Madras.

No cargo will be received on the day of sailing.

W. NICOL & Co., Agents.

STEAM COMMUNICATION WITH THE PERSIAN GULF VIA KURRACHEE.

(Interchanging Cargo and Passengers at Bussorah, to and from Bagdad, with the Euphrates and Tigris Steam Navigation Company.)

THE British India Steam Navigation Company (Limited) under Mail Contract with Government, will despatch a Steamer every 14 days to the Persian Gulf, touching at Kurrachee, Gwadur, Muscat, Bunder Abbas, Lingra, Bushire, Fao, Mahomerah, and Bussorah.

N.B.—No cargo will be received on the day of sailing.

W. NICOL & Co., Agents.

STEAM COMMUNICATION WITH KURRACHEE

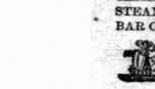
THE British India Steam Navigation Company (Limited), under Mail Contract with Government, and in connection with the Weekly Service from England, despatch a Steamer to Kurrachee every Monday at noon.

The steam-ship KURRACHEE, 510 tons, 120 H. P., Commander A. Cottiss, will be despatched on MONDAY, the 6th December, at noon.

N.B.—No cargo will be received on the day of sailing.

W. NICOL & Co., Agents.

STEAM COMMUNICATION WITH THE KATTYWAR COAST.



STEAMER GENERAL HAVELOCK, Captain Drewitz, will be despatched on TUESDAY, the 7th instant, at 8 A.M., to CUTCH MANDVEE, calling at VERAVUL, MANGROLE, POREBUNDER, and DWARKA.

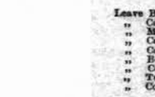
For Freight and Passage apply to

NOWROJEE BHICAJEE, Manager.

No. 6, Borah Bazaar Street, Bombay, 3rd December, 1869.

STEAM COMMUNICATION WITH THE MALABAR COAST.

Steamers LORD CLYDE, GENERAL HAVELOCK, GENERAL OUTRAM, and TILLY.



ONE of the above Steamers will be despatched every week to and from the Malabar Coast, calling at the intermediate Ports on the following days :—

Down Steamers.		Up Steamers.	
Leave Bombay	Saturday.	Leave Cochin	Friday.
" Honawary	Sunday.	" Beypore	Saturday.
" Malwan	"	" Calicut	"
" Vingorla	"	" Tellicherry	"
" Goa	Monday.	" Cannanore	"
" Carwar	"	" Mangalore	Sunday.
" Compta	"	" Compta	Monday.
" Mangalore	Tuesday.	" Carwar	"
" Cannanore	Wednesday.	" Goa	Tuesday.
" Tellicherry	"	" Vingorla	"
" Calicut	"	" Malwan	"
" Beypore	"	" Rutnagherry	Wednesday
Arrive Cochin	Thursday.	Arrive Bombay	Thursday.

The Steamer GENERAL OUTRAM, Captain Teasdale, will be despatched according to the above table on SATURDAY, the 4th instant, at 4 P.M.

For freight and passage apply to

NOWROJEE BHICAJEE, Manager.

No. 6, Borah Bazaar Street, 1st December, 1869.

NEW OVERLAND ROUTE.

(via SUEZ CANAL.)

LA COMPAGNIE MARC FRAISSINET PERE et FILS of Marseilles beg to announce, that they are about to establish a DIRECT STEAM SERVICE between BOMBAY and MARSEILLES, via the SUEZ CANAL, thus dispensing with the necessity of transhipment of Goods and Passengers at Suez and Alexandria.

In accordance with the above the steam ship ASIE, Captain Lapierre, will be despatched from Bombay about the 15th December next, and will be followed, at intervals of five weeks time, by large and powerful steamers specially built for this service.

PASSENGER RATES.

(Inclusive of Wines, and all transit fees through the Canal.)

	1st Class.	2nd Class.
To Aden	£ 25	£
" Suez	£ 40	£ 22-10
" Port Said	£ 42	£ 24
" Marseilles	£ 50	£ 36

For further particulars, rates of Freight, &c., apply to

KUNKLER, PREISWERCK, & Co., Agents.

Elphinstone Circle, 9th November, 1869.

FOR LONDON.

(To sail early in January 1870, calling at Plymouth, if sufficient inducement offer.)

MESSRS. GREEN'S favorite Passenger Ship the WINDSOR CASTLE, Tons 1250, Douglas, Commander. This fine Vessel has excellent accommodation for Passengers, and carries an experienced Surgeon. For particulars apply to

RITCHIE, STEUART, & Co.

Bombay, 29th November 1869.

NOTICE.—Consignees of Cargo per Ship SOLWAY, arrived from Calcutta, are requested to send Boats at once to take delivery, otherwise the same will be landed by the Captain at the risk and expense of the concerned.

DAVID SASSOON & Co.

Bombay, 30th November 1869.

NOTICE.—Consignees of Cargo per ship SALISBURY, from London, are requested to send off Boats alongside at once to take delivery of their Goods, otherwise the same will be landed by Captain True, without further intimation, at the risk and expense of the concerned.

Captain True will not be responsible for the condition of any package after it leaves the ship's deck.

THE LONDON, ASIATIC, and AMERICAN Co. (Limited), Agents for Captain True, ship Salisbury.

Bombay, 22nd November 1869.

MUSICAL BOXES, JEWELLERY, CLOCKS.—Our stock has been replenished, and offers the most complete assortment desirable.

FAVRE, LEUBA, & Co.

WARRANTED WATCHES.—All Gold and Silver Watches of every description and size manufactured by us, and fitted with the latest improvements, are warranted to purchasers for the term of 1, 2, or 3 years.

FAVRE, LEUBA, & Co.

KEYLESS WATCHES.—For which the undersigned have also obtained the only first class Prize Medal at the Bronch Exhibition. This watch is pronounced by competent judges to be the most practical and best time-keeper ever produced.

FAVRE, LEUBA, & Co.

RS. 50 SILVER WATCH.—The only first class Prize Medal was obtained by the undersigned at the late Bronch Exhibition for this Watch : its durability and excellent way of keeping time cannot be surpassed at the price.

FAVRE, LEUBA, & Co.

T. CHATELAIN MONTANDON, WATCHMAKER, JEWELLER, OPTICIAN, AND ENGRAVER,

No. 3, HUMMUM STREET.

Agent for Hy. Grandjean & Co., Locle (Switzerland), and London (47 Friday Street). Received Medals at all the great Exhibitions, Silver Medal at the Paris Exhibition of 1867.

Also Agent for Thevenaz Brothers, Locle ; established in London for the last thirty years.

GOLD AND SILVER WATCHES.—Ladies' and Gentlemen's ; the largest stock now in Bombay.

JEWELLERY.—Indian, Paris, Geneva, and German made ; the largest choiceneow in Bombay.

SPECTACLES.—In Steel and Tortoise-shell Frames, Eye Glasses, Opera Glasses.

CLOCKS for Dining-rooms, Offices, and Railway Stations.

MUSICAL BOXES.—100 Musical Boxes to select from.

Terms—Cash.

REPAIRS of all kinds carefully made.

Up-country Station orders punctually attended to.

SHIPPING.

OVERLAND FREIGHT ROUTE.

STEAM TO LIVERPOOL, LONDON, TRIESTE, MARSEILLES, BRINDISI, VENICE, NAPLES, LEGHORN, GENOA, BARCELONA, HAVRE, ADEN, AND SUEZ.

THE Bombay and Bengal Steam Ship Company, under arrangements with other first class lines of Steamers from Alexandria, undertake to give through Bills of Lading for Goods via Egypt to the above and most other Continental Ports.

A limited number of passengers can be accommodated.

Rates of Fare.

To Suez—1st class £40, 2nd class £25. } Exclusive
To Trieste—1st class £53, 2nd class £34. } of Wines.

Passengers by or for our Steamers will be furnished with First-class Tickets between Alexandria and Marseilles by Messrs. Fraissinet & Co.'s line for £10 ; making the passage-money between Bombay and Marseilles £50, exclusive of transit in Egypt.

We have arranged our departures from Bombay so as to arrive immediately before the departure of Messrs. Fraissinet's Steamer from Alexandria and avoid delay to passengers. The Marseilles Boats leave Alexandria every Thursday morning.

Steamers will leave Bombay every three weeks.

For Freight or Passage apply to Messrs. Stephen, Kennard & Co., London ; Messrs. Tod, Kennard & Co., Liverpool ; Messrs. Tod, Rathbourne & Co., Alexandria ; Austrian Lloyd's Steam Navigation Company, Trieste and Venice ; Messrs. Fraissinet Pere et Fils, Marseilles ; and Messrs. R. Rubattino and Co., Genoa ; or to the undersigned in Bombay.

The Steam-ship MAGDALA, 2,200 Tons, Captain Thomson, will be despatched on 20th December.

STEARNS, HOBART, & Co.

OVERLAND PASSENGERS.

Gentlemen proceeding Home will find all that is requisite in the following detailed list ; the Goods being made specially for the passage and Home wear :—

REQUIREMENTS.

½ Dozen Silk and Wool Shirts.	1 Rug with Straps,
2 " Under Vests.	1 Maud.
2 " Linen Collars.	1 Inverness Cape.
1 " Fine Cotton Socks.	1 Hand Portmanteau.
1 " Fine Merino Socks.	2 Overland Trunks.
1 " Fine Merino Drawers.	1 Clothes Bag.
½ " Colored Handkerchiefs.	1 Travelling Hat,
1 " White Cambric.	1 Courier Bag.
1 Overland Suit.	1 Easy Chair.
2 Sleeping Suits.	1 Umbrella.
2 Pairs of Kid Gloves.	1 Pair of Brushes.
6 Scarfs and Ties.	Ladies' Overland Trunks.

Return Fare.—First Class Passengers embarking from India by the P. and O. Co.'s Steamer within six months of their arrival from England, and *vice versa*, will be allowed a reduction of 20 per cent. on the Return Passage Money.

Bombay. BADHAM & Co., Apollo House.

NEW ADVERTISEMENTS.

Now Ready.

BOMBAY GAZETTE OVERLAND SUMMARY.

The Bombay Gazette Overland Summary, prepared for despatch by each Overland Mail for Europe, contains, in addition to all the News of the Week, a specially-written Market and Freight Report, and a well-digested Summary of Events.

Annual Subscription (in advance) Rs. 12
Single Copy..... Annas 4

" Bombay Gazette" Office, Medow Street, Fort.

THE FRAMJEE COWASJEE PATENT PRESS COMPANY.—NOTICE is hereby given, that the above Company is now prepared to undertake the PRESSING of COTTON or other Produce on usual terms. The Engines and Machinery have been lately thoroughly repaired and improved, and Shippers are reminded that the Patent Bobs of the Company compress favorably in measurement with any other Press in Bombay, a matter of great importance to Shippers per Overland route.

MARTIN, YOUNG, & Co.,
Bombay, 3rd December 1869. Manager.

NOTICE is hereby given, that an Application for Probate of the last Will and Testament of Ags Hajee Mahomed Hoosein bin Ags Mahomed Jaffer Shoerazee, late of Bombay, Mahomedan inhabitant, deceased, has been made to the High Court of Bombay, by Begum Fatima Sultan bin Ags Mahomed Sadurk Ispahanee, of Bombay, Mahomedan inhabitant, widow, the relict of the said deceased, and an executrix of the said Will. All persons concerned therein are hereby apprised thereof. —Dated this 4th day of December 1869.

ACLAND, PRENTIS, and BISHOP,
Applicant's Proctors.

DRIFTED or LOST, a piece of TIMBER LOG, drifted from the Ship FANNY, marked either H (in a diamond) or NB. The party who will find the same will be rewarded by giving notice to Captain WEARE on board the ship, or to MERWANJEE NUSSERWANJEE, Apollo Street.

FORT LIVERY STABLES, Nesbit Lane, Fort, near the Imperial Hotel.

Good and decent CONVEYANCES, consisting of Broughams, Sociables, Phaetons, and Palanquin Bhigrams, can be HAD on HIRE on moderate terms, at any hour of the day or night in a few minutes' notice, with either single horses or pairs.

Stabling also can be had on hire by the month.

Also Horses and Carriages bought and sold.

AUCTION SALE of LANDED PROPERTIES AT MAHIM MARKET ROAD.

On SATURDAY, the 18th December, Messrs HERRALALL & Co. will SELL by PUBLIC AUCTION on the premises, by order of the Mortgagee, and on account and risk of the Mortgagor—

Lot 1, at 4 P.M.

All that piece or parcel of Fazendaree LAND or GROUND, together with the messuage, tenement, or dwelling-house, built and standing thereon, situate, lying, and being on the west side of Market Road, in Mahim, also in the subdistrict of Mazagon, assessed under No. 11, containing by admeasurement 44 feet in length and 29 feet in breadth or thereabouts, and bounded as follows :—on the east by the aforesaid Market Road, on the west, north, and south by the properties of Khoja Cassum Nana.

For further particulars apply at the office of the undersigned, No 3 Hummum Street, Fort.

The property will be on view at any day between this and Auction Sale.

HEERALALL & Co.

WANTED.

WANTED, a SODA WATER MACHINE, in perfect order. Apply to No. 201, Office of this Paper.

WANTED, from THREE to FIVE THOUSAND RUPEES. Security Good.—Apply to No. 11, Office of this Paper.

HOUSES, &c., TO LET.

TO BE LET, several Rooms and Godowns in Grant Buildings. Apply to the Manager, Land Mortgage Bank of India, Limited, Parsee Bazaar Street.

LIGHT and AIRY ROOMS on second and third Floors of No. 1 Church Lane, Fort, TO BE LET, suitable for Residence or Offices. Apply to Bombay Gas Company, Limited, at above address.

TO LET, with immediate possession, the TOP FLOOR of a House No. 3, in Meadow Street, over Mrs. Hern's Millinery Establishment, suitable for Residence or Offices, with the use of a Cook-room on the ground floor. For Rent and other particulars apply to

M. B. COHEN & Co.

MAZAGON LAND and RECLAMATION COMPANY (Limited).—TO LET, from TO-MORROW the 1st December, HOUSES Nos. 5 and 21, at Mazagon. Rent Rs. 45 and 30 respectively.

For further particulars apply to Mr. G. GAHAGAN, the Company's Traffic Manager.

RITCHIE, STEUART, & Co.,
Secretaries and Treasurers.

Elphinstone Circle, 30th November 1869.

TO LET, a BUNGALOW at Breach Candy. Rs. 20.

Oak Lane, 14th October, 1869. FLOWER & Co.

TO LET, on MALABAR HILL, Eighteen BUNGALOWS, Rs. 150 to 350—furnished and unfurnished.

BYCULLA.—Six BUNGALOWS. Rent Rs. 125, 150, 175, 200, 250, and 300.

CHINCHPOOGLY.—Five BUNGALOWS. Rent Rs. 150, 175, 200, 250, and 350—furnished and unfurnished.

MAZAGON.—Six BUNGALOWS. Rent Rs. 100, 100, 200, 200, 200, and 250.

PAREEL.—Four BUNGALOWS Rent Rs. 50, 110, 125, and 175.

FORT.—Fourteen RESIDENCES. Rent Rs. 40, 50, 50, 50, 75, 75 80, 100, 100, 100, 125, 125, 350, and 400.

FORT.—Eighteen OFFICES. Rent Rs. 45, 50, 50, 50, 50, 50, 100, 120, 125, 150, 150, 200, 220, 250, 300, 300, 300, 300, and 400.

Oak Lane, 14th October, 1869 FLOWER & Co.

METAL MART, BOREE BUNDER.—Just landed several Hand Fire Engines, by Shand, Mason, & Co., with suction and delivery Hose. Rs. 1,100 each.

Also, now in the Harbour and daily expected to be landed, Portable Steam Engines, by Clayton and Shuttleworth, having enlarged Fire Boxes suitable for burning wood fuel.

10 Horse Power.....	Rs. 3,200
8 " "	" 2,600
6 " "	" 2,200

Lift Pumps, 6 and 8 inch bore.

Galvanised Corrugated Iron Sheets, 6, 7, and 8 Feet long, Nos. 20 and 24 Gauge.

A few Iron Plate Girders, 33 Feet long, 24 inches deep, weighing about 1 cwt. per running foot.

Fresh Portland Cement, in 4 cwt. Casks.

Tools.—Bar and Plate Iron.

Estimates given for every description of Iron Work and Machinery.

W. NICOL & Co.

Bombay, 19th October, 1869.

PICKLES, SAUCES, JAMS, &c., FREE FROM ADULTERATION,

MANUFACTURED BY

CROSSE AND BLACKWELL,

Purveyors to the Queen,

SOHO SQUARE, LONDON.

CROSSE & BLACKWELL'S

well known Manufactures are obtainable from every respectable Purchasers should see that they are supplied with C. and B.'s genuine goods, and that inferior articles are not substituted for them.

To insure thorough wholesomeness, their Pickles are all prepared in Pure Malt Vinegar, boiled in Oak Vats, by means of Platinum Steam Coils ; and are precisely similar in quality to those supplied by them for use at

HER MAJESTY'S TABLE.

C. and B. are Agents for Lea and Perrins' Celebrated Worcestershire Sauce, and are Manufacturers of every description of Oilmen's Stores of the highest quality.

NOTICES.

THEATRE ROYAL, GRANT ROAD.

DAVE CARSON'S MINSTREL AND DRAMATIC TROUPE.

EVERY

TUESDAY, THURSDAY, & SATURDAY.

TICKETS to be had at Messrs. SOUNDY & Co.'s

SATURDAY, 4th DECEMBER 1869.

GREAT SUCCESS of this GRAND DOUBLE COMPANY.

CHANGE OF PROGRAMME.

FIRST APPEARANCE IN BOMBAY of MISS WADDY DEERING.

DAVE CARSON'S MINSTRELS In their UNIQUE ENTERTAINMENT.

MONS. SEMBLADIS AND MRS. DAVE CARSON In their CLASSICAL SELECTIONS.

THE SCREAMING FARCE of the CAPTAIN'S NOT A-MISS.

THE BAND OF BROTHERS Will appear and dis-Appear.

N.B.—The use of Tobacco or Pán is strictly prohibited ; plenty room outside.

BOMBAY YACHT CLUB.—The OPENING CRUIZE will take place on SATURDAY next, the 4th instant. Yachts will assemble off Apollo Pier at 2-30 P.M. and await signal from the Commodore to get under weigh.

JAMES RANKEN, } Joint Honorary Secretaries.
E. DOERING, }

Bombay, 1st December 1869.

NOTICE.—The RIGHT to SELL FOREIGN LIQUORS in the FAIR at MHYJEE will be SOLD by PUBLIC AUCTION, at the Office of the Second Assistant Magistrate at Julgaum, on the 20th December 1869.

E. R. ASHBURNER,
Collector and Magistrate of Khandeish.

Office of the Collector and Magistrate of Khandeish, Camp Julgaum, 1st December 1869.

TO the JUSTICES of the PEACE for the CITY of BOMBAY.—I hereby give NOTICE, that an ADJOURNED SPECIAL GENERAL MEETING of the Justices of the Peace for the City of Bombay will be held in the Durbar Room, Town Hall, on WEDNESDAY, the 8th day of December 1869, at 3 o'clock in the afternoon precisely, to consider the business left undisposed of at the Meeting held on Wednesday, the 24th November last, viz :—the Budget of the Municipal Commissioner for 1870, and the Report of the Finance Committee thereon.

C. E. STANGER LEATHES,
Clerk to the Justices of the Peace for the City of Bombay.

Bombay, Town Hall, 2nd December 1869.

THE COMMERCIAL, FINANCE, and STOCK EXCHANGE CORPORATION, Limited, (Under Liquidation).—NOTICE is hereby given, that those persons who have not yet delivered the 1st, 2nd, and 3rd DISTRIBUTIONS, all or any of them, are hereby requested to apply without further delay to the Liquidators, at the offices of Messrs. Hearn, Cleveland and Wells, from 11 A.M. to 3 P.M., or in default of their doing so the amount of distributions remaining unclaimed by the 18th December next will be deposited with the Accountant General or with any other person or persons duly appointed by the Shareholders at the next General and Final Meeting.

G. S. CLAY, } Liquidators of the Commercial,
CURSETJEE HORMUSJEE, } F. & St Exch. Corpt., Limited.

Bombay, 19th October 1869.

BOMBAY OMNIBUS and GENERAL CONVEYANCE Co., No. 141, KHETWADDY ROAD.

Light and comfortable BROUGHAMS, BIGHAMS, SOCIABLES, HANSOMS, BUGGIES, DOG-CARTS, &c., with or without Horses, CAN BE HIRED at short notice, and at moderate charges.

(See Card Circulars.)

Carriages built or repaired on the premises, under the superintendence of Mr. Hazlett.

The Livery is under the supervision of a person of skill and experience.

Horses requiring treatment, or otherwise, received into the Company's Livery Stables, and every attention paid to the animals ; as also Horses on Commission Sale.

Carriages and Horses bought, sold, and exchanged.

Office in the Fort, at No 40, Meadow Street, next to the "Bombay Gazette" office.

BOMBAY EDUCATION SOCIETY BYCULLA SCHOOLS.—The undersigned invites TENDERS for the supply of the following Articles, for one year, commencing 1st January 1870 :—

Beef, Mutton, Bread, Flour, Rolong, Tea, Sugar, Oil, Firewood, Vegetables of sorts, Milk, Country Shoes, Plates, Mugs, Basins, Spoons, Brooms, and many other articles in use. Forms containing which full information will be furnished upon application.

Forms of Tenders and Schedules can be obtained by intending Contractors upon application at this Office.

The Committee does not bind itself to accept the lowest or any Tender, and no reason will be given for the rejection of any Tender.

Tenders will be received up to the 20th instant.

P. WALSHE,
Secretary Bombay Education Society.

Secretary's Office, Byculla, 1st December 1869.

NOTICE.—TO BE SOLD by PUBLIC AUCTION, at H. M.'s Dockyard, on FRIDAY the 10th December 1869, H. M.'s Steamer COROMANDEL, of 1221 tons, and 250 Horse Power, as she stands on the day of sale.

Terms of Sale.—The sale of the Vessel will not be considered final until the acceptance of the offer is sanctioned by Government. A Deposit of 10 per cent. is to be immediately paid down at the time of sale, and good security given by the Purchasers for the payment of the remainder, which must be paid within eight days after the acceptance of the offer by Government, or the Deposit will be forfeited, and the Vessel resold for the benefit of the State.

For further particulars apply to the undersigned.

W. T. CROCKETT, Lieut. late I. N.,
Acting Marine Storekeeper.

Marine Storekeeper's Office, Bombay, 29th November 1869.

NOTICE.—SEALED TENDERS are invited for ERECTING the IRON WORK in the interior of the VICTORIA and ALBERT MUSEUM, to be delivered on or before noon of the 15th instant.

All particulars can be learnt on application at the office of the Architectural Executive Engineer and Surveyor, where the plans and conditions of Contract can also be seen.

A deposit of One Thousand Rupees will be required on tendering, to be forfeited in the event of evasion or delay in signing the requisite Deed of Contract, and a further deposit of 8 per cent. from the Contractor, whose tender may be accepted, will be deducted from every payment.

The Architectural Executive Engineer and Surveyor does not bind himself to accept the lowest or any Tender, and no reason will be assigned for the rejection of any or all of the Tenders.

E. A. FULLER, Lieut.-Col., R. E.,
Architectural Executive Engineer and Surveyor.

Bombay, 1st December 1869.

SEALED TENDERS for the PURCHASE of H. M. STEAM TUG B.—

Length between Perpendiculars ..... 139 Feet.
Breadth Extreme ..... 19 " 3 In.
Do. Paddle-boxes ..... 33 " 5 "
Depth in Hold ..... 5 " 4 "

of 256¾ Tons Builders' Measurement, built amidships with corrugated Iron, and fore and aft with plain plate ; Engines, High Pressure, of 60 Horse Power ; Boilers, Tubular Iron, High Pressure—will be received by the Superintendent of Marine up to 1 P.M. on WEDNESDAY next the 8th instant, the amount offered for the above Vessel being subject to the approval of Government.

The Tug B. is at present in Bombay Harbour and open to inspection any day (Sundays excepted) between the hours of 10 A.M. and 5 P.M.

The Superintendent of Marine does not bind himself to accept the lowest or any Tender.

The Covers of Tenders to be superscribed "Tender for the purchase of Tug B."

Any further information in respect to the above Vessel can be obtained at the Office of the Superintendent of Marine.

By order of the Superintendent of Marine,
GEO INGLE, Secretary.

Superintendent's Office, Bombay, 1st December 1869.

BYCULLA IRON WORKS.

RICHARDSON AND ROBSON, SUCCESSORS TO Messrs. DIXON AND Co., IRON AND BRASS FOUNDERS, SMITHS, ENGINEERS, AND COMMISSION AGENTS. MANUFACTURERS OF COTTON PRESSES, GIRDERS, BOILERS, PUMPS, TANKS, IRON GATES AND RAILINGS, &c., &c.

KINLOCH AND ALLAN, 3, NESBIT LANE, FORT, BOMBAY.

Bar, Plate, Sheet and Hoop Iron.
Cast and Blister Steel.
Pig and Sheet Lead.
Lead and Wrought Iron Pipes.
Cast Iron Pipes.
Contractors' Tools.
India Rubber Suction Hose.
India Rubber Sheet.
Galvanized Corrugated Iron and Fittings.
Portland Cement.
Crab Winches, Bench Vices, Buckets, Shovels.
One Pumping Engine to lift and force 3,000 gallons per hour, complete.
One Circumferenter, complete.

MAIN'S "PATENT" CONTINUOUS BAR FENCING.

This Fence is now universally admitted to be the best and most secure that can be adopted ; and from its great durability, and the facility with which it can be erected or removed, is in the end the cheapest.

As compared with a Wire Fence its advantages are—

1st. Its greater strength and weight. The Horizontal Bars being stronger and heavier than Wires, the "Continuous Bar Fencing" is not so easily injured ; and what is of great importance, it is visible to animals, and thus accidents by animals running against the Fence are, in general, prevented.

2nd. No stones are required, and therefore a "Continuous Bar Fence" can be erected more quickly, without breaking up the ground and by ordinary labourers.

3rd. No "Stays" or other "Extras" for cu ves are required.

KINLOCH and ALLAN, having been appointed Sole Agents for Messrs. A. and J. Main & Co., are now prepared to give quotations for the above, as also for Wire Fencing, Wire Netting Ornamental Gates, Railings, &c., &c.

Bombay, 2nd December 1869. CHESSON & WOODHALL.

All for sale in Meadow Street, next door to Rosselet & Co.

NOTICES.

THE JERUSALEM NEWS ROOMS, Corner of Forbes Street, Rampart Row. Iced and Light Refreshments may be had on the Premises.

NOTICE.—Mr. J. A. CARVALEO is AUTHORIZED to SIGN for MR per procuration from THIS DAY.

Bombay, 22nd November, 1869. FRANCIS AZEVEDO.

NOTICE of REMOVAL.

WE have THIS DAY REMOVED our BUSINESS from 1 Hummum Street to 9 Church Gate Street, the same house that the Government Telegraph Department has occupied for the last three years.

1st November, 1869. J. & W. WATSON & Co.

BOUCHARDAT'S GLUTEN BREAD and GLUTEN BISCUITS,

absolutely free from Starch and saccharine matter. As used in St. Thomas', Guy's, and other Hospitals.

D. S. KEMP & Co.,
Pharmaceutical Chemists.

BICYCLES.—D. S. KEMP & Co. BEG to to ANNOUNCE that they are prepared to REGISTER ORDERS for these Instruments ; having been in communication with the best Manufacturer in Europe, and being about to import a selected number.

Correspondents are requested to state their height and weight and the limit of price they wish to give. The very best Bicycle without ornament or extra will not cost more than Rs. 220, but may cost less. D. S. K. & Co. will register orders at as low a limit as Correspondents may wish, but they need scarcely say that the rapidity with which the art is using the instrument is acquired, and the comfort in riding depends in great measure on the excellence of its manufacture.

Bombay. D. S. KEMP & Co.

MEDICINE CHESTS.—D. S. KEMP & Co.'s Chests are unsurpassed in completeness, compactness, and convenience by those of any other makers or dealers in England or India. References can be given to numerous purchasers, who have expressed their liveliest satisfaction at the excellence of the Medicine Chests sold to them.

They are all made by the best English workmen, and are filled and furnished with the most minute attention by D. S. K. & Co.

There is hardly a station in this presidency where one of these Chests is not to be found, and D. S. K. & Co would take the liberty of referring to any one whom they have supplied for an opinion as to his purchase.

It need scarcely be stated that a Medicine Chest has now become a necessity to every European in this country ; the climate being such that all ought to familiarize themselves with the use of such simple remedies as are required to avoid serious indisposition.

To all large employers of labour a small portable dispensary is essential. D. S. K. & Co. prepare, and furnish such dispensaries, with numerous special remedies such as Fever mixture, Cholera mixture, &c., of the efficacy of which they are well assured ; and with books of instruction adapted to them.

For the smaller Chests D. S. Kemp's "Companion" is remarkably useful.

D. S. K. & Co. have twenty regular patterns on their list, descriptions of all of which will be furnished on application. Numerous other Chests are also on hand and will be described if required to the wants of the enquiror.

Bombay. D. S. KEMP & Co.

KEMP'S LIQUOR CHIRETTINÆ, or SOLUTION of SACCHARO-CHIRETTINE.—Containing in a purified and concentrated form the medicinal principles of the Chiretta. A Tonic and Refrigerant, proving to consider the immense left undisposed of at the Meeting held on Wednesday, the 24th November last, viz :—the Budget of the Municipal Commissioner for 1870, and the Report of the Finance Committee thereon.

C. E. STANGER LEATHES,
Clerk to the Justices of the Peace for the City of Bombay.

Bombay, Town Hall, 2nd December 1869.

THE COMMERCIAL, FINANCE, and STOCK EXCHANGE CORPORATION, Limited, (Under Liquidation).—NOTICE is hereby given, that those persons who have not yet delivered the 1st, 2nd, and 3rd DISTRIBUTIONS, all or any of them, are hereby requested to apply without further delay to the Liquidators, at the offices of Messrs. Hearn, Cleveland and Wells, from 11 A.M. to 3 P.M., or in default of their doing so the amount of distributions remaining unclaimed by the 18th December next will be deposited with the Accountant General or with any other person or persons duly appointed by the Shareholders at the next General and Final Meeting.

G. S. CLAY, } Liquidators of the Commercial,
CURSETJEE HORMUSJEE, } F. & St Exch. Corpt., Limited.

Bombay, 19th October 1869.

BOMBAY OMNIBUS and GENERAL CONVEYANCE Co., No. 141, KHETWADDY ROAD.

Light and comfortable BROUGHAMS, BIGHAMS, SOCIABLES, HANSOMS, BUGGIES, DOG-CARTS, &c., with or without Horses, CAN BE HIRED at short notice, and at moderate charges.

(See Card Circulars.)

Carriages built or repaired on the premises, under the superintendence of Mr. Hazlett.

The Livery is under the supervision of a person of skill and experience.

Horses requiring treatment, or otherwise, received into the Company's Livery Stables, and every attention paid to the animals ; as also Horses on Commission Sale.

Carriages and Horses bought, sold, and exchanged.

Office in the Fort, at No 40, Meadow Street, next to the "Bombay Gazette" office.

BOMBAY EDUCATION SOCIETY BYCULLA SCHOOLS.—The undersigned invites TENDERS for the supply of the following Articles, for one year, commencing 1st January 1870 :—

Beef, Mutton, Bread, Flour, Rolong, Tea, Sugar, Oil, Firewood, Vegetables of sorts, Milk, Country Shoes, Plates, Mugs, Basins, Spoons, Brooms, and many other articles in use. Forms containing which full information will be furnished upon application.

Forms of Tenders and Schedules can be obtained by intending Contractors upon application at this Office.

The Committee does not bind itself to accept the lowest or any Tender, and no reason will be given for the rejection of any Tender.

Tenders will be received up to the 20th instant.

P. WALSHE,
Secretary Bombay Education Society.

Secretary's Office, Byculla, 1st December 1869.

NOTICE.—TO BE SOLD by PUBLIC AUCTION, at H. M.'s Dockyard, on FRIDAY the 10th December 1869, H. M.'s Steamer COROMANDEL, of 1221 tons, and 250 Horse Power, as she stands on the day of sale.

Terms of Sale.—The sale of the Vessel will not be considered final until the acceptance of the offer is sanctioned by Government. A Deposit of 10 per cent. is to be immediately paid down at the time of sale, and good security given by the Purchasers for the payment of the remainder, which must be paid within eight days after the acceptance of the offer by Government, or the Deposit will be forfeited, and the Vessel resold for the benefit of the State.

For further particulars apply to the undersigned.

W. T. CROCKETT, Lieut. late I. N.,
Acting Marine Storekeeper.

Marine Storekeeper's Office, Bombay, 29th November 1869.

NOTICE.—SEALED TENDERS are invited for ERECTING the IRON WORK in the interior of the VICTORIA and ALBERT MUSEUM, to be delivered on or before noon of the 15th instant.

All particulars can be learnt on application at the office of the Architectural Executive Engineer and Surveyor, where the plans and conditions of Contract can also be seen.

A deposit of One Thousand Rupees will be required on tendering, to be forfeited in the event of evasion or delay in signing the requisite Deed of Contract, and a further deposit of 8 per cent. from the Contractor, whose tender may be accepted, will be deducted from every payment.

The Architectural Executive Engineer and Surveyor does not bind himself to accept the lowest or any Tender, and no reason will be assigned for the rejection of any or all of the Tenders.

E. A. FULLER, Lieut.-Col., R. E.,
Architectural Executive Engineer and Surveyor.

Bombay, 1st December 1869.

SEALED TENDERS for the PURCHASE of H. M. STEAM TUG B.—

Length between Perpendiculars ..... 139 Feet.
Breadth Extreme ..... 19 " 3 In.
Do. Paddle-boxes ..... 33 " 5 "
Depth in Hold ..... 5 " 4 "

of 256¾ Tons Builders' Measurement, built amidships with corrugated Iron, and fore and aft with plain plate ; Engines, High Pressure, of 60 Horse Power ; Boilers, Tubular Iron, High Pressure—will be received by the Superintendent of Marine up to 1 P.M. on WEDNESDAY next the 8th instant, the amount offered for the above Vessel being subject to the approval of Government.

The Tug B. is at present in Bombay Harbour and open to inspection any day (Sundays excepted) between the hours of 10 A.M. and 5 P.M.

The Superintendent of Marine does not bind himself to accept the lowest or any Tender.

The Covers of Tenders to be superscribed "Tender for the purchase of Tug B."

Any further information in respect to the above Vessel can be obtained at the Office of the Superintendent of Marine.

By order of the Superintendent of Marine,
GEO INGLE, Secretary.

Superintendent's Office, Bombay, 1st December 1869.

BYCULLA IRON WORKS.

RICHARDSON AND ROBSON, SUCCESSORS TO Messrs. DIXON AND Co., IRON AND BRASS FOUNDERS, SMITHS, ENGINEERS, AND COMMISSION AGENTS. MANUFACTURERS OF COTTON PRESSES, GIRDERS, BOILERS, PUMPS, TANK

COMMERCIAL INTELLIGENCE.

SHARE MARKET.

FRIDAY AFTERNOON.

DEMANDS for Colabas and Masagons at Rs. 1,740 and 1,340, respectively, for time.

BOMBAY BILL AND STOCK LIST.

BANKS.

Number of Shares.	Nomi. value of sh.	Paid up.	Last divi-dend.	Names.	Cash Rates per Share.
	Rs.	Rs. p. c.			
100,000	100	all	10 p.ct.	Agra Bank	120
22,000	1,000	all	9 p.ct.	Bank of Bengal	1,550
10,000	500	all	5 p.ct.	Ditto of Bombay New	625½
10,000	500	100		Ditto 2nd Res. Issue	205
5,250	1,000	all	12 p.ct.	Ditto of Madras	1,550
30,000	250	all	8 p.ct.	Chartered Mercantile Bk. of L. & China	330
4,000	200	all	6 do.	Chartered Bk. of I. & C.	190
37,500	25	12½	do.	National Bank of India	134
60,000	250	all	12 do.	Oriental Bank	440

LAND COMPANIES.

4,000	2,000	all	Rs. 65	Colaba Land Co.	1,700
10,800	1,000	all	Rs. 30	Elphinstone Land	1,010
10,800	1,000	650	11-16	Do. New	640
9,000	150	all	Nil	Prem. Land & Pier Co. Ld	180
5,000	5,000	4,100	Nil	Masagon Land	1,280
5,000	2,000	1,470	Nil	Port Canning	310

SPINNING AND WEAVING COMPANIES.

400	2,000	1,700	5	Albert Mills Co.	800
500	2,500	all	20 p.c.	Alliance Spinning	1,680
100	5,500	all	...	Bombay	2,950
200	1,000	all	10 p.c.	Bombay United	735
500	500	all	...	Broach Mills	295
800	5,000	all	...	Coorla Spinning	1,975
750	2,000	all	15 p.c.	Great Eastern	1,370
600	1,000	all	50	Manockji Petit's	705
2,800	2,500	all	...	Oriental	1,240
600	2,500	2,300	...	Royal	1,375

(* For the half year.)

RAILWAY COMPANIES.

...	£2	318,500	5 p. c.	G. I. P. Railway Con-solidated Stock	237
...	£2	109,150	do.	Do. New £20 shares	198
...	£4	43,120	do.	Do.	...
...	£10	1,000	do.	B. B. & C. I. Railway Co.	1,100
...	£11	490,550	do.	Do. New Shares	195

PRESS COMPANIES.

150	5,000	2,850	35 p.c.	Akbar Cotton Press Co.	2,250
200	2,000	1,100	10 do.	Albert Co. Kurrachee	625
200	1,000	850	60 do.	Alexandra Press Co.	500
...	12,000	11,000	200 do.	Apollo Press Co.	8,600
200	2,000	all	375 do.	Bombay Press Co.	2,150
200	500	all	93½ p.c.	Do. New	500
600	1,880	all	80 do.	Colaba Press Co.	9,000
350	2,000	all	...	East India Press Co.	1,125
150	3,000	all	100*	Fort Press Co.	2,200
200	2,000	1,900	...	Framji Cowasji Press	1,000
200	5,000	all	765 p.c.	Hydraulic Press Co.	3,100
1000	3,000	2,000	100 p.c.	Kurrachee Press Co.	800
1,500	1,000	500		Mofus. Press & G. Co.	250
125	2,500	all	350*	Prince of Wales Press	3,000
250	2,500	75	200 p.c.	Victoria Press, Madras	1,050
150	2,000	all	...	Timmevelly Press Co.	1,600

(* Per share for the half-year.)

MISCELLANEOUS.

1,000	2,500	1,500	125 p.c.	Bombay Burmah Trading Corporation	810
4,000	50	all	5p.c.	Mechanics' F'lg's Co.	33
500	2,000	300	9	Kurrachee Landing and Shipping Company	160
2,000	500	all	Nil	Trenchler & Co.	285

COMPANIES IN LIQUIDATION.

5,200	1,750	Nov. '66	Back Bay Co.	580
3,500	2,400	...	B'bay & Bengal S. S.	100
5,000	2,400	...	Bombay Ship Co.	100

BANKS IN LIQUIDATION.

		Date of L'dation.		
500	80	Jan. '36	Bank of Bombay	32
25	135		Do. China	54
200	25	Sept. '67	B'bay Trdg & B'kg	6
200	40	Sept. '67	Brokers' Bank	15
250	...	Mar. '66	Central Bank	5
...	...		East India Bank's	15—16
200	10	Feb. '67	Indian Peninsula	4
200	685	May '67	Royal Bank	7
130	74	Apr. '67	Old Financial	1

EXCHANGE.

On	Terms.	Rate.
London	At sight	Is. 11 1/4d.
London Banks	6 months' sight.	Is. 11 15/16d.
Do. Credits	6 Do. do.	Is. 11 14/16d. to 15/16d.
Do. Documents	8 Do. do.	2s. 1/16d.
Calcutta	At sight	100½
Do.	30 days' sight	100¼
Do.	60 days' sight	99½
Madras	At sight	100½
Do.	30 days' sight	100¼
China	60 Do. do.	...

PRICES OF BULLION, &c.

Sovereigns each	Rs.	10-6
Bank of England Notes	,,	10-4
Carolus	,,	220
Mexican Dollars	,,	208
Five-Franc Pieces	,,	196-1
Bar Silver	,,	15-10
Gold Leaf	,,	16
Bar Gold 10 oz. English	,,	196-9
Australian Gold		

BANK OF BOMBAY.

Government Securities	4 per cent.
Mercantile Bills	6 ,,

GOVERNMENT SECURITIES.

Five-and-a-half percent	113½
Five per cent.	108½
Four per cent.	94½
Five per cent. (Public Works Loan)	104
Five per cent. Debenture Loan 1866-67	105
15 years' Debenture Loans	100 nominal
10 years' do. do.	102½
5 years' do. do.	105
Six per cent. Municipal Loan House Rate	106
Do. Market Rate	105

MILITARY.

ARRIVALS.—DECEMBER 3.

Tonay, Lieutenant, 6th Regiment N. I., on leave, from Ahmedabad.
Ralston, Captain, 2-21st Fusiliers, on leave, from Rangoon.
Rowell, Assistant Surgeon, Staff, on duty, from Broach.

DEPARTURES.—DECEMBER 3.

Woodhouse, Major, 8th Regiment, to join, to Ahmedabad.
Ralston, Captain, 2-21st Fusiliers, on leave, to England.
Miller, Surgeon, Medical Department, on furlough, to England.

ARMY GENERAL ORDERS.

By His Excellency the Commander-in-Chief.

Adjutant General's Office, Head Quarters, Poona, 2nd Dec. 1869.

The following transfer is authorized :—

No. 1489 Private Sisk Sullimon, from 6th Regiment N. I., to 17th Regiment N. I.

Surgeon G. E. Seward is placed on general duty, Bombay Circle, with effect from the 30th October 1869.

The undermentioned officer is reported to have passed the required examination in Hindoostanee according to the Lower Standard :—

Cornet R. H. Daniell, 3rd Hussars

SHIPPING.

DAILY FREIGHT REPORT—3RD DECEMBER.

London	Cotton	£2 5s. 0d.	Nom. p.ton
	Cases	£2 0s. 0d. to £2 5s. 0d.	,,
	Seeds	£1 [illegible]	,,
	Iron ships Cotton	£1 [illegible] to £1 7s. 6d.	,,
Liverpool	Wooden Ships	£1 5s. 0d.	
	Myrabolns & Coir bls	£0 10s. 0d. to £0 12s. 6d.	
	Seeds	£0 15s. 0d. to £1 0s. 0d.	
Havre	Cotton	£2 0s. 0d.	Nominal.
Gourland	Cotton	Nominal	
	Steamers	£3 0s. 0d.	
China	Steamer Cotton	Rs. 3 to 4	per bale.
	Opium	Rs. 25 to 30	per chest.
	Sailing Ships		Nominal
Calcutta	Salt	Rs. 3 0 0 to 4 0 0	per ton.
Calcutta to Bombay		Rs. 12 to 14 and Calcutta Port Charges	
Mauritius		8 annas per bag	nominal.

ARRIVALS.

Dec.	Vessel.	Commander.	From.
3	H. M.'s Bull Finch (s)	Lodder	Zanzibar
	H. M.'s Star (s)	DeKantzon	,,
	Comorin (s)	Browne	Persian Gulf

DEPARTURES.

Dec.	Vessel.	Commander.	Destination.
3	Hiate Messenga	Nacoda	Mozambique.
	City of Amoy	Murdock	Colombo.

The ship Isabella Hercus, Fillan, bound to London, obtained her port clearance yesterday.

The following vessels began to load yesterday :—
Steamer General Havelock for Cutch.
Bark Atik Rahmon, for Zanzibar.

BENGAL.

The Telegraph of November 28th has the following :—

ARRIVAL.—Steamer Penang, [illegible], John Long, Moulmein 21st, Rangoon 23rd, and Akyab 26th November.

DEPARTURE.—Ship Berenice

Passengers arrived per Steamer Penang—Mr J Carruthers, Mr Jones and servant, Mr E Watson, Colonel Fraser, Mrs George and two children, Mr Birkmire, Mr Musgrath, Colonel Briggs, wife and servant, Mr P Keith, Mr Burjorjee, Captain Bondler Bei, Captain Ralston, Mr. Pascal, Mr Mackay.

MADRAS.

ARRIVALS.—November 26th, Punjaub s s, W H Parker, N Ports, and November 27th Moollan s s, J Beasely, Calcutta.

DEPARTURES.—November 29th, Moollan s s., T Beasley, Suez, and Ethiopia s s, ——— Bombay.

Passengers arrived per s s Punjaub—Brig.-General Mein, Captain O'Korrick, Colonel Bridges, Mrs Whigham.

Per P & O S N Co's Steam ship Mooltan—From Calcutta to Madras—Mr Mc'allum.

Passengers sailed per P & O S N Co's Steam ship Mooltan—For Galle—Mr T Hinkle.
For Yokohama—Lieutenant T G Booth.
For Marseilles—Hon'ble and Mrs J C Loch and two children, and Mr W Bowden.
For Suez—Mr B Anderson.

ADVERTISING AT RAILWAY STATIONS.

THE Proprietor of the "Bombay Gazette" Press having issued (among other privileges) from the Great Indian Peninsula Railway Company, and the Bombay, Baroda, and Central India Railway Company, the exclusive right of advertising at all the Railway Stations belonging to these two Companies, is prepared to contract with parties desirous of posting Notices or Advertisements on the lines.

The announcements may be in English or in any of the Native languages.

The advantages which Railway Stations present as a means of bringing intimations of all kinds before the public have been demonstrated in England by the extensive use which is made by Advertisers, of every station, great and small, along every line in the United Kingdom.

Insurance Companies, Shipping Companies, Hotel-keepers, Merchants, Traders, and others who wish to force their business on the notice of the public, all alike value the privilege of Railway Station Advertising.

There is no reason why the privilege should not be also specially valuable to Advertisers in India. Looking to the great and increasing number of Native Railway passengers on the two trunk lines of Western India, native merchants, traders, &c., seeing that they have the privilege of advertising in their own language, would find the publication of their announcements at Railway Stations a decided means of extending their business.

Placards, according to the taste of Advertisers, may be printed at the "Bombay Gazette" Press.

Advertisers can select the Stations, on either line, at which they wish their Placards posted, and may advertise for any period that may be agreed on. The charges have been fixed on an extremely moderate scale to encourage Advertisers to make a liberal use of the new means now offered of making announcements known to the public.

Terms of Advertising may be learned on application to the Manager, "Bombay Gazette" Press.

"Bombay Gazette" Press, 1869.

JOB PRINTING in all its BRANCHES.—Ornamental Printing in Colours and in Gold. Bills, Broadsides, Theatrical and Musical Programmes, Cards of all descriptions; Banking and Mercantile Ledgers, Memo. Heads, &c., &c.; Machine-ruling and Paging, and Bookbinding. Estimates forwarded on application to the Manager.
BOMBAY GAZETTE STEAM PRESS.

COPPER-PLATE PRINTING, ENGRAVING, &c.—VISITING CARDS, Invitation Cards, Wedding Cards and Envelopes, Cheques, Bills of Lading, Office and Bank Seals, Seals for Stamping Envelopes, &c., engraved to order, and at moderate prices. Specimens may be seen at the Office of the "Bombay Gazette" Press.

BOMBAY DIOCESAN BOARD OF EDUCATION, for promoting the Christian Education of European and Indo-European Children throughout the Presidency of Bombay.

MEMBERS OF THE BOARD.

Lord Bishop of Bombay, President *ex officio*.

Hon. Sir R. Couch.
Hon. Mr. Justice Gibbs.
G. Forbes, Esq.
C. E. Chapman, Esq.
A. T. Crawford, Esq.
A. R. Scoble, Esq.
Ven. Archdeacon Leigh Lyb.
Rev. C. T. Wilson.
Rev. W. Maule.
Rev. C. F. H. Johnston.
Rev. T. K. Weatherhead.
Rev. C. Gilder.

A. C. Moore, Esq., Hon. Treasurer.
Rev. G. C. Reynell, Hon. Secretary.

The Board makes grants to the Diocesan School, Byculla; St. John's School, Colaba; St. Peter's School, Masagon; Bishop's School, Poona; Poona Girl's School; Pensioner's School, Poona; Sholapoor European and Eurasian School. Total amount of grants Rs. 550 a month.

Subscriptions, which are earnestly solicited, will be received by the Treasurer, "The Brae," Chinchpoogly, or by the Secretary, Parsonage, Byculla.

G. C. REYNELL, Hon. Secretary.

Bombay, 23rd June, 1869.

DIOCESAN SCHOOL, BYCULLA, (in connection with the Bombay Diocesan Board of Education).

COMMITTEE.

Hon. Mr. Justice Warden.
Hon. A. H. Campbell.
W. Wedderburn, Esq.
Rev. G. C. Reynell.

Hon. Secretary—John Cameron, Esq.

Acting Superintendent—Rev. T. Williams.
Superintendent of Girls' Department—Miss Watling.

The School has been recognized by the Director of Public Instruction as a High School, teaching up to the University Standard.

Boarders are received.
For full particulars apply to the Hon. Secretary Diocesan School, Byculla.

FOR SPECIAL MARKET REPORTS and WEEKLY PRICE CURRENT, Blay and Mackintosh's Weekly FREIGHT CIRCULAR, and all the COMMERCIAL and SHIPPING NEWS of the WEEK, see the "BOMBAY GAZETTE" OVERLAND SUMMARY.

	Rs. as.
Price, per Copy	0 4
Annual Subscription	12 0

DOMESTIC OCCURRENCES.

[THE CHARGE FOR NOTIFYING A DOMESTIC OCCURRENCE IS ONE RUPEE, AND THE ANNOUNCEMENT MUST BE AUTHENTICATED.]

BENGAL.

BIRTHS.

CHARLES—November 23rd, at No. 10, Harrington Street, the wife of T. Edmondston Charles, Esq., M.D., of a daughter.
PIERCE—November 25th, at Moradabad, the wife of Major Thomas Pierce, Bengal Staff Corps, of a daughter.
FITZGERALD—November 27th, at Barrackpore, the wife of A. Fitzgerald, Esq., B.A., F.R.C.S., &c., Surgeon, H. M.'s 9th Regiment Native Infantry, of a son.

MARRIAGE.

MASSY—ARNOLD—November 29th, at the Cathedral, Calcutta, by the Rev. Brownlow Alley, Major William Godfrey Dunham Massy, 5th Lancers, Assistant Adjutant General, to Elizabeth Jane, widow of the late George Arnold, Esq., and daughter of Major General Sir Thomas Seaton, K.C.B., of Ackworth House, Suffolk.

MADRAS.

BIRTH.

GROVES—November 26th, at Coonoor, the wife of Mr. Edward K. Groves, of a daughter.

NORTH-WEST PROVINCES, &c.

DEATHS.

McKAY—November 22nd, at Nowshera, Eliza Hectorina McKay, for more than four years a valued and trusted servant in the family of Colonel E. H. Maxwell, 88th Regiment Connaught Rangers.
CLARKSON—November 23rd, at Rohtuck, George Charles Horatio, son of John George and Mary Catherine Clarkson, H. M.'s Customs.
RAYNE—November 17th, at Jhelum, Edward Randall, son of Mr. and Mrs. Middleton Rayne, aged two months.

NOTICE.

All CHEQUES, MONEY ORDERS, and other Remittances sent to this office, should be made payable to the "Proprietor of the *Bombay Gazette*."
Bombay Gazette Office, Bombay.

The Bombay Gazette

SATURDAY, DECEMBER 4, 1869.

IT would almost seem that the spirit which, to their great detriment and the vexation of the public, has animated the fighting railways at home, has transmigrated into the managers of the East Indian Railway and the Government of Bengal. An excellent illustration of this appeared in our issue of Thursday. Nothing less than the Governor-General in Council has been compelled to interfere in order to dispose of the fighting opposition raised by Mr. Sibley to the interchange of rolling-stock, not merely for passengers but for goods traffic on the continuous line from Bombay to Calcutta, which in a few months will be open. One is at a loss to conceive how any sensible man could object to the interchange, but the thing is possible, for Mr. Sibley is notoriously a sensible and an able man. With him, however, and his principals, what *is* sauce for the goose is not sauce for the gander, since the very arrangement which is objected to when proposed for the through line to Calcutta, is strenuously insisted on, if not actually at work on the junction of the East Indian with the Delhi line. So far as the public and traders are concerned there can be no question that transhipment, as it is called, involves great loss and vexation. The merit of a through line is that through trains can be run, especially for goods. In a long journey passengers may not object to a change of carriages, which would be a relief rather than otherwise, but that does not apply to goods. But even many passengers would prefer a through journey in the same carriage. To prohibit, or to limit, interchange of rolling-stock would amount to a practical diminution of vehicles available for traffic, and would, to a corresponding degree, restrict facilities for trade. Barring the payment of money, you might as well have a custom house at Jubulpore as stations for the transhipment of goods. Why has the Suez Canal been made, if not to avoid this very evil. The Egyptian railway affords the means of carriage, but not of continuous carriage, and the Canal, if it succeed, will supply the defect. Why should the East Indian Railway and the Bengal Government seek to restrict the advantages which may be derived from the Jubbulpore link? We are happy to see that the Bombay authorities, governmental and railway, are on the side of reason, and we are sorry to see that the East India Railway and the Bengal Government favour restriction and obstruction. The Governor General in Council, however, has ranged himself on our side, has effectually demolished the argumentation of the obstructives, and has decided, in the last resort, in favour of free interchange for goods traffic, and even, under certain conditions, for passenger traffic. The arrangements needed to overcome practical difficulties will vanish in the hands of practical men; and no doubt Mr. LeMesurier and Mr. Sibley, face to face, will speedily smooth the way. At any rate the public interest demands the complete execution of the Governor-General's wise determination. We may remark, in passing, that this small, but important controversy, ought to be conclusive of another—the proposed break of guage. On an isolated line or set of lines, cut off from communication, actual or probable, with the Indian system, a break of guage might be tolerated as an experiment; but under no other circumstances ought the incontestable advantages of a continuous guage to be sacrificed. The proposed break of traffic at Jubbulpore is equivalent to a break of guage, and a break of guage is a waste of power and means of locomotion. It is a lucky thing for India that we have one authority to decide all these questions, and not, as in England, a mass of fighting companies. Practically all the railways in India ought to be regarded as one railway, and the whole power at their disposal for traffic of all sorts should be interchangable.

The late lamentable outbreak among the convicts in the Central Jail at Rangoon, by which the lives of several Government servants (including the Superintendent of the Jail) were sacrificed, suggests a question which must often have occurred to those observant in such matters, that some reform is necessary in the administration of jail government in India. Under the present rule in the Bombay Presidency, and all over India as far as we know, the superintendence of criminal jails is exercised by civil surgeons of stations ex officio. By a late order of the Government of India these appointments have now been thrown open to military officers, and we cannot therefore understand why a change, so much needed, should not be gradually effected and all jails eventually put under military supervision and control. It has always been a difficult matter to understand on what grounds medical officers have hitherto been selected in preference to military men as superintendents of jails. Their knowledge of discipline, posting of sentries, or how to dispose of their guard efficiently in case of an *emeute*, cannot be equal to that of a military officer, nor do we think are they adapted so well to govern the interior economy of a jail.

A few years ago great difficulty existed in inducing medical officers to enter the Indian Service, and it was only when the position of the medical service was materially improved, that this want was partially rectified. Even now the supply is by no means in excess of the demand, and it seems therefore a pity, to say the least of it, that the services of experienced medical officers should be withdrawn from their legitimate sphere of duty and that they should be employed in positions totally foreign to the purpose for which they originally entered the service. On the other hand, how hard a matter it is to find employment for many of our military men? The number of field officers on general duty at most of our large stations speaks for itself; and we cannot but think how much wiser it would be to utilize some of these officers—many of whom are able and experienced men, who would far prefer any kind of employment to the present enervating existence they are forced to spend—and give them the superintendence of jails even on the small extra allowances granted to civil surgeons.

Only a few months ago, when Dr. Wiehe, the Inspector General of Prisons, went home on medical certificate, an opportunity was offered to make, at all events, an experiment by the nomination of a military officer to fill up the appointment. That such a measure was actually in contemplation we happen to know, as the name of a field officer, high in the service and known as a strict disciplinarian, was mentioned as his successor; circumstances, however, prevented the appointment of this particular officer, and the opportunity thus passed away, the berth being again filled by a medical officer.

Another defective point in the management of jails is the slack manner in which supervision is exercised by the warders and other belted individuals over the convicts both inside and outside jails. Who has seen convicts at work on the roads without being struck by the lazy and languid manner in which their so called hard labour is performed. Moreover, so little actual work is got out of the convicts, that it is pretty well known to all who have hired convict labour that it is far more expensive, and that a less amount of work is done within the time, than if coolies were hired from the bazaar.

The duties at present performed by warders and peons would be far better carried out if entrusted to non-commissioned officers and men of the regular native army, selected specially for the duty and transferred to the non-effective list, in the same manner as many Europeans from British regiments serving in India are employed in numerous capacities. The custody of a jail in all respects should be exclusively in hands of the military, and might be effected at less expense than is now the case.

In the late outbreak at Rangoon the conduct of the police appears to have been most disgraceful; the *Rangoon Times* of the 17th Nov. justly remarks—

"Were there any constables in the guard-room at the moment of the convicts entering it? The probability is there was not. If there were any policemen in that room, they failed to do their duty. It is impossible to conceive how any convict could enter a guard-room, if any person was there on sentry and on the alert, at its entrance, and by one so difficult to enter as that of a turnstile." Adding, "The police constables who were on guard in the left hand side room seemed to have been in possession throughout the whole of the tragedy. How many men were in there, we are not informed, but how does it happen that they did not come out boldly to do their duty during the height of the rising? From the bullet marks on the wooden door of that guard-room the constables evidently fired from inside and behind the door. Laughable as it may seem in this sad case, it is a fact, that the police constables fired at the convicts who were loose and armed from behind a door. The slightest energy or courage on the part of the armed constables would have put the whole outbreak down in a few seconds as it was not a general revolt. To their wanton cowardice is to be attributed the melancholy death of Dr. Maingay. If they had possessed a particle of pluck they could have shot down every convict who entered the opposite guard-room where they seized the arms, and from which the bullet was discharged at the body of the superintendent as soon as he came in sight at the door steps. The cowardly and disgraceful conduct of the police guard on duty will, no doubt, receive the notice it deserves from the Chief Commissioner. The European officers of the force do their very best to procure a good class of constables, but as we all see they have not yet succeeded in obtaining the services of men possessing common natural courage. A corporal's guard of three men from the 21st would be of more use in guarding these convicts than all the rabble police who are eating the salt of the State."

We venture to add that had the jail been under military supervision and custody, the above disgraceful occurrences would never have taken place, and in all probability the life of a valuable Government servant and of several of his subordinates would not have been sacrificed.

In making these remarks we hope it may be distinctly understood that no disparagement is intended to medical officers in superintendence of jails. As far as we know they have always done their duties conscientiously and to the utmost of their ability; in the case now under remark most nobly, but we maintain that the duties connected with jails in general would be far more effectively performed if entrusted to the military; nor is it fair to expect that non-combatant officers should be *au fait* at performing duties entirely foreign to their professional education.

THE *s.s.* COMORIN arrived last night from the Persian Gulf but brought no political news of importance. Cholera had disappeared from Bushire.

IT is stated that the Government of India has directed the Lieutenant Governor of the N. W. Provinces to dispense with the services of only eight Assistant District Superintendents of Police, and that six will be permitted to retain their appointments.

"WHO," the Pioneer asks, "is the Bokhara Ambassador, or rather the Turkish Ambassador to Bokhara? Who pays him, and what for? It would be as well if Miss Mary Carpenter, when she has a leisure day, would look into His Excellency's morals."

THE Commissioner of Peshawur and the existing Frontier Political Officers have, we learn from a contemporary, been entrusted with the administration of the new Non-Regulation District (the Agror Valley), which is declared in a notification by the Punjab Government to include the entire Huzara District.

"IT is rumoured," says the Allahabad journal "that one of the contemplated military economies is a reduction of the number of inspectors of Artillery from four to two. One officer will have the supervision of the Artillery through-out the whole Bengal presidency, and the other that of both Bombay and Madras."

WE learn from the Rangoon papers that Dr. Dougall, medical officer of the Mandalay Agency, is spoken of as the probable successor of Dr. Maingay, as Superintendent of the Rangoon Jail. The funeral of Dr. Maingay was a popular demonstration of admiration at the courage and devotedness to duty which cost him his life. The Chief Commissioner was one of the pall-bearers.

"THE abundance, or scantiness, of the petroleum springs of the Punjab," says the "Pioneer," "is a question now of urgent concern. The Secretary to Government in the Public Works Department has expressed a deliberate opinion, that should the Salt Range give anything like the supply which many expect it to yield, petroleum will utterly supersede both wood and coal as fuel for the railways of Upper India."

WE learn from the "Delhi Gazette" that the plaint in the case A. C. C. DeRenzy, Sanitary Commissioner, Punjab, *versus* Lepel Griffin, proprietor, Peter Scott, manager and editor, and Roollumoodeen, printer, "Indian Public Opinion," was filed some days ago. The defendants were summoned to answer the plaint on the 3rd December. The case comes on before the Chief Court, and damages are laid by Dr. DeRenzy at Rs. 10,000.

"WE understand," says the "Delhi Gazette," "that some modification of the present arrangements for local Sanitary Commissioners and for Superintendents-General of Vaccination is under the consideration of Government. We never could comprehend the necessity, or use even, of the latter. There are Superintendents of Vaccination; the Superintendents-General appear to us simply superfluous, and the office might, we think, be abolished. Not so, however, that of the local Sanitary Commissioners. Let their pay be reduced to Rs. 1,200 a month, if need be, but to *abolish* the office would be an unwise measure."

PASSENGERS BY THE HOMEWARD MAIL.

THE P. & O. Co.'s steamer Columbian, Captain G. Hyde, will sail to-day, for Aden and Suez, with the following passengers :—

For Southampton—Mrs. Murray, child, and European female servant, Mrs. Vibart, two children, and ayah.
For Marseilles—Mrs. Marillier, Doctor and Mrs. Miller, Hon'ble E. B. Pearson, Mr. C. A. Dickinson, Doctor Butler, and Captain Ralston.
For Suez—Lieutenant-Colonel and Mrs. J. E. Crscroft, Mr. Drew, and Mr. Jacob Arnhold.

THE COTTON CROPS.

THE following report is from the Mofussil Press and Ginning Company, Limited, dated Bombay, 3rd December :—

HINGUNGHAT, 29th November.—Rates in this bazaar have again advanced to equal to Rs. 303 per Bombay candy. These prices have been forced on the market by a set of Marwaree speculators, who by buying and selling a few bales among themselves keep up rates, so as to put an effectual stoppage to *bona fide* dealings These proceedings also tend to prevent the ryots bringing in their cotton to market, believing that by withholding it a higher price may be obtained.

OOMRAWUTTEE, 1st December.—Only a few doorus a day are as yet coming into this market, and rates keep extremely high, equal to Rs. 286 per Bombay candy. The quality of the cotton now arriving is, I am glad to say, improving a little. Time-bargains for delivery in February are being entered into at rates equal to Rs. 277 full-pressed in Bombay.

AKOLA, 1st December.—During the past week the bazaar has been in an unsettled state, rates having ranged from Rs. 270 to Rs. 287. Several contracts have been made for March delivery by native dealers, but as yet nothing has been done for February.

BROACH, 2nd December.—During the last week the weather has been cloudy and sultry. Yesterday evening there was a slight thunderstorm, which, I am afraid, will to some extent damage the cotton plants. The municipal tax of eight annas per cart of kuppas coming into Broach continues to create some discontent and when it is recollected that in the debate in the Legislative Council of Bombay on the Town Dues Bill His Excellency the Governor stated that he should feel obliged to refuse his assent to the bill in case of the small tax of one anna per cwt. on cotton being retained in the schedule of dues, it is somewhat remarkable that the municipality of Broach should be permitted to impose so heavy a tax as eight annas per cart of kuppas for purposes analogous to those subserved by the Town Dues Bill of Bombay, and it is to be hoped that on the matter being brought to the notice of Government the tax may be disallowed.

AHMEDABAD, 2nd December.—Slight rain fell here on Saturday, which continued for upwards of an hour, but as yet I have heard of no damage to the cotton plants.

PRESERVATION OF GAME.

TO THE EDITOR OF THE "BOMBAY GAZETTE."

SIR,—"Rutnaghirikur" (in your issue of 30th November) has in some respects supplied a very important omission in the discussion of the preservation of game, by his allusion to the damage done by vermin But while admitting the fact that vermin in general are greater enemies to small game than guns, I do not entirely agree with him that a wholesale destruction of this necessary evil would be at all advisable.

In India, as in all tropical climates, the preservation of kites, jackals, pariahs, &c., in fact of all animals that feed on offal, is essential in a sanitary point of view, and in many towns and villages, in districts where the Municipal Act is not in force, the "conservancy" is left entirely to their care. It might be urged, perhaps, that vermin of this nature might be destroyed without a certain radius from villages, but when one considers the very long distances that such animals travel in search of food, it would be a difficult matter to define any fixed distance within which their lives should be respected, and therefore on the whole it would be as well perhaps to let matters remain as they are in this respect.

Bearing this in mind, in my former letter I purposely left out the mention of smaller vermin, and merely advocated the indiscriminate slaughter, at all times and seasons, of animals injurious to life or property. There is no doubt that if all kinds of vermin were killed as suggested by "Rutnaghirikur," the quantity of small game would soon increase materially; but in a country like India, where there would be no real scarcity of game, if it were fairly preserved, we must submit to the necessary evil (to sportsmen) of sparing the lives of the "village scavengers." If the question of the preservation of game were taken up by the authorities all details might be safely left for their decision.

The hint in "Rutnaghirikur's" letter about licences to village shikarries is a good one and deserving of attention. It corroborates my recommendation that not only should more discrimination be exercised in the issue of these licences, but also that all licences should be paid for at only a very small charge.—Yours, &c.,
1st December. A LOVER OF SPORT.

REDUCTIONS IN THE ARTILLERY.

THE expected reduction of 14 Batteries of Artillery, or 84 guns, sounds more formidable than it is. It has long been the opinion of the most competent judges that Sir G. Barker's Meerut Committee reduced the *personnel* of batteries below the point of efficiency—the number of gunners, and still more of *drivers* being far too few for the real work of a campaign. Now the men of the reduced batteries will be distributed throughout the rest; and though the army of India will nominally have 84 guns less, it will really boast a more effective artillery than before.—*Pioneer.*

THE 58TH REGIMENT.

THE destination of H. M.'s 58th Regiment, though once officially set down as Lucknow, remains undecided. It is known that this fine regiment suffered miserably during the warm weather, and unhappily—though from cholera no longer—it remains most sickly, about 100 men being in hospital with fever, dysentery, and other ailments very discreditable to our cold season. Lord Mayo, when here, recommended a special and separate examination of the men by Dr. Muir, the Inspector-General, with a view to obtaining his recommendation as to the station most suitable for their condition, and this is about being made. The opinion held by the medical staff of the regiment is said to be opposed to a move to Lucknow. We incline to think with them, that from Allahabad to Lucknow would be a mere change from Scylla to Charybdis. There is no marked difference in the climate of the two places, and that of Allahabad evidently does not meet the need. The regiment has already spent a long term in Bengal and the Darjeeling Hills. Why not try them in the Punjab? Umballa or Rawul Pindee for instance, both notoriously healthy cantonments, with a comparatively bracing climate. A season at either place, and then a year or two of manual labour in the hills, would work wonders.—*Pioneer*, Dec. 1.

THE G. I. P. RAILWAY.

THE new blood recently infused into the management of the Great Indian Peninsula Railway is working wonders. Notwithstanding that for months past an unusually heavy percentage of the Engineering Staff has been disabled by fever, and that considerable sickness still exists south of Jubbulpore, the construction of the north-eastern portion of the line is being pushed on with such energy, that what, even to those engaged in the work, seemed hardly practicable a few months back, is now an all but established certainty. There is hardly a doubt but that the railway communication between Allahabad and Bombay will be not only complete, but open to the public, by the 1st of March next. Such an epoch in the history of our Indian progress is likely to be celebrated with some pomp, and deserves to be. It is probable that the Duke of Edinburgh will be present with Lord Mayo at Jubbulpore on the opening day. What precise form the ceremonial will take is as yet of course undecided, but it is understood that the mission of Colonel Trevor, the Consulting Engineer to the Bombay Government, and of the Traffic Manager [Agent?] of the G. I. P., to Calcutta, where they a present are, is in part connected with the arrangements *—Pioneer.*

BOMBAY.

DIVINE SERVICES will be held at Egutpoors, G. I. P. Railway, on Sunday, by the Rev. W. Brown Keer, Harbour Chaplain, Bombay.

BOMBAY UNIVERSITY.—The result of the B. A. examination, in connection with the Bombay University, will be made known on Wednesday the 8th inst.

ADVENT.—The second sermon of the series on the Four Last Things will be delivered in Trinity Church, Sonapore, to-morrow (Sunday) evening.

SIR JAMSETJEE JEEJEEBHOY, BART., and sons, proceed to Calcutta on Monday next to be present there during the visit of the Duke of Edinburgh.

VEHAR LAKE.—The height of water in the tower of Vehar Lake on 27th November was 57 feet; on the corresponding date last year it was 54 feet eight-tenths.

SHIP DESERTION.—In the Fort Police Court yesterday, before Mr. Nana Morojee, Martin Hanson, one of the crew of the Daniel Rankin, was sent to prison for three weeks for deserting his ship.

THE DACOITY CASE.—The dacoity case came on for further hearing before Mr. Connon in the Fort Police Court yesterday, when two witnesses were examined and the case was again adjourned.

THE STEAMER LORD CLYDE, Captain Hewitt, from Cochin, arrived on Thursday last with the following passengers :—Mr. Arbuthnot, C.S., Registrar General; Mr. Mathews, Captain Kennex, Mrs. Kennex and child, and 140 deck passengers.

THE THEFT IN THE COMMISSARIAT DEPARTMENT.—The police are making diligent enquiries to trace out the persons who committed the theft of a large sum of money in the Commissariat Department on Wednesday last. The Parsee shroff is still in the custody of the police.

THEFT FROM THE BEHAR.—In the Fort Police Court yesterday, before Mr. Nana Morojee, Bablo de Cruz was sentenced to imprisonment for six weeks for stealing a piece of canvas from the P. and O. Co.'s s.s. Behar, and for tearing the coat of the sepoy who took him in charge.

APPLICATION FOR LEAVE.—We learn that M

HYDERABAD DECCAN.

We learn from Hyderabad that a magnificent entertainment was given there on the 22nd Nov. by the Ameer a Kalve in honour of the marriage of Busherudduula and the daughter of the late Nizam. The Resident and Society of Secunderabad were present assembling at the Palace of Sir Salar Jung from whence they were conveyed upon elephants to the Ameer's princely residence in the city of Hyderabad. A dinner upon the most lavish European model was followed by a superb display of fire-works, the gratified company breaking up about eleven o'clock P. M., well pleased with all they had seen, and carrying away mementoes of the Ameer's liberality in a goodly stock of those much coveted little Indian scent phials filled with attar of roses peculiar to Hyderabad festivities. Winter has set in at Hyderabad and thanks to the past plentiful rainfall, the mornings and nights are bitterly cold there at present.—*Madras Times*, Nov. 29.

THE MADRAS SEWAGE FARM.

The following Order has been passed by the Madras Government, reviewing Captain Tulloch's Report on the Madras Sewage Farm:—

His Excellency the Governor in Council has read, with great interest and satisfaction, Captain Tulloch's Report on the Madras Sewage Farm which is submitted with his own remarks by the Sanitary Commissioner, Doctor Ranking. The Madras Municipal Commissioners have, in the opinion of Government, rendered an important public service by carrying out so energetically and successfully the experiment of utilizing the town sewage by its application to agriculture.

His Excellency desires to offer to the President of the Commission, Colonel Denison, under whose personal direction the Sewage Farm has been established and directed, his cordial congratulations on the successful results of his labours. It is gratifying to find that, as in England, grasses grow most luxuriantly on land irrigated with sewage, that the earth deodorises the sewage as soon as it touches it, and that there are no complaints of nuisance from the irrigated land, nor of injury to health. The Government concur in the opinion expressed by Captain Tulloch that "the conversion of sewage into fodder should, in the present state of the science of utilizing sewage, be the process to which the greatest attention should be paid."

It is observed that the Sanitary Commissioner and Captain Tulloch differ in opinion as to whether poudrette and other town filth in a solid form should be utilized on the farm. Dr. Ranking allows that if the filth as it is brought to the spot, is deposited in furrows and immediately covered over, no harm can accure, but practically he apprehends this would not be done. The poudrette and solid filth would be at first stored in heaps, then be spread over the ground and finally be ploughed in. Captain Tulloch, on the other hand, recommends the experiment of utilizing solid filth on the farm as well as the liquid sewage; but he specially provides that this manure should be immediately applied to the land upon which a constant succession of crops should be kept up. In this recommendation Captain Tulloch is supported by the experience of those persons in England whose opinions in the application of sewage to land are authoritative, and who lay down a principle that "excreta in a fresh state or mixed with earth should never be disposed of by burial. They should be ploughed by day into the ground simply as manure, and the manured ground should be cropped." "In England application of saturated earth to agriculture is part of the dry-earth system."

His Excellency in Council considers that it is very desirable that the application of excreta and solid filth to agriculture should, in a small scale and under careful observation be tried at the Municipal sewage farm, and he requests Colonel Denison and Dr. Ranking to conduct this experiment and report the result. Dr. Ranking recommends that experiments should be made to ascertain how far the results now obtained on the farm are due to sewage or to simple irrigation, and that the sewage should be analysed at the storing reservoir, and as it flows upon the land, so as to determine the loss of fertilizing properties caused by the conveyance of sewage in open channels. This recommendation appears deserving of consideration by the Municipal Commissioners.—His Excellency the Governor in Council will await, with much interest, a further report on the sewage farm at Pursewalkum and on those which are to be established in Choolay and Eraingconum.

THE CALCUTTA PRESS ON PRINCE ALFRED.

(*Indian Daily News*, Nov. 30.)

There seems to be a weeping and wailing of the spirit of flunkeyism that the demonstration of "loyalty," as regards the Duke of Edinburgh, is not sufficiently marked in Calcutta. One journalist "charges" like a warrior several times in one paper to stir up the enthusiasm of the citizens. A native organ cannot understand the European residents being so slow to come forward. There needs no mystery in the matter, if people will only be honest. Gentlemen like Mr. Roberts profess to be ashamed that people can be found to believe or to listen to reports of scandals about the Duke of Edinburgh. It is a pity we cannot have a little more verbal honesty in the matter. The long and the short of it is, that people are disgusted with the meanness practised in these "Royal" visits, whether they believe in the scandalous stories" or not. Scandals are not unknown in the estimates that come yearly before the House of Commons. But the estimates themselves are facts; and there can be no doubt that an item of between three and four thousand pounds did appear in the estimates of the current year, to pay for the presents *given* in Australia by the Duke of Edinburgh. No shouting and bluster by Mr. Roberts can shout down this fact, nor can Sir Richard Temple knock it down with his stick. There is no concealing the fact that the British public felt inexpressibly disgusted at the meanness, and there is no doubt also that the public in India share in the feeling. It is useless for journalists to pretend that they do not understand why the merchants do not come forward, and why this body and the other do not join the movement. The feeling is honourable which keeps them aloof; and we rejoice that they have the manliness to prefer the honest course of quiet abstinence. They can do this with the most sincere feelings of loyalty to the Crown, and we do not for a moment question their fealty to the Crown of Great Britain. The *Hindoo Patriot* makes it a matter of comment that the European community have failed to come forward as might have been expected. There is nothing to regret in the fact that the merchants of Calcutta have feelings of outraged dignity as well as of loyalty, and do not hesitate to show it in expressive silence. There was but one thing needed to complete the disgust of the Indian community with the "Royal" visit, and that has now been supplied. A good deal was said about the expenditure of £10,000 by the India Office to entertain the Sultan on his visit to England. It is now known that a like sum has been sanctioned, no doubt from the revenues of India, to pay for the presents of the Duke of Edinburgh to native princes of India. Of course, it is anticipated that they will make presents to the Duke, and these will probably be of value not unworthy his acceptance. Of course, there must be return presents. But these are to be made to native princes *at the cost of the Indian ryots*. Ten thousand pounds may not be much in the revenues of India; but so long as there are many of our subjects starving in some parts of the country from famine, and dying in other parts from fever and poverty, this expenditure for such a purpose is more scandalous than that for the ball to the Sultan. Here is something to make Mr. Roberts's "blood boil, if it can boil in this country." And when next he has occasion to wax eloquent and furious over public scandals, and the ridicule of Saturday evening papers, let him try his powers on a theme like this—a scandal that we feel it a duty to denounce in the name of our countrymen, who, we feel assured, will deprecate the meanness of the act.

(*Hindoo Patriot.*)

We are sorry to be obliged to say that the response which has been given to the appeal of the Chairman of the Justices for a loyal demonstration in honour of His Royal Highness the Duke of Edinburgh does not speak much of the European community of Calcutta. The public meeting held on Thursday last, though numerously attended by the *elite* of Bengali society, was conspicious for the absence of leading European gentlemen, official or non-official.

A NEW VERSION OF AN OLD RHYME.

TO THE EDITOR OF THE "PIONEER."

My dear *Pioneer*,—I offer you a new version of a very old rhyme. Here it is:—

"Richard of Mayo ! be not too bold
In the use of the scissors, or you may be sold."

Yours ever,
X.

Mussoorie, 27th November.

A Novelty.—Monogram veils are the latest wrinkle among New York fashionable young ladies. Those of fawn colour and grey are most in vogue—the monogram being embroidered in colours in the centre.

ARCHITECTURE IN INDIA.

(*Madras Times*, Nov. 29.)

"They built like giants, and finished like goldsmiths." Such is the verdict which Lord Napier endorses regarding the modern architects of the Pathan race, who have covered Hindoostan with the memorials of their genius. We only wish that circumstances had permitted His Excellency to illustrate his remarks with appropriate drawings, a method employed with so much skill by Mr. Ruskin in his lectures on a similar subject delivered in Edinburgh. The elevation of a people's art is an object of the first importance to all those whose knowledge and taste give them the capacity to guide public opinion. All agree that in England as well as India we have fallen on degenerate days. At home a revival of architecture has indeed commenced in the most unlikely quarter, judged of *a priori*, namely, in the ornamentation of Manchester warehouses. Nothing can be more characteristic of the independent democratic spirit of an age, than this effort to improve the higher branches of art by raising the standard of its lower and commercial developments. It is an exact inversion of what prevailed in former days, when the palace was made "a thing of beauty and a joy for ever," and the cottage was utterly neglected.

In Australia the colonists find themselves in much the same difficulty that we do here in India. They are in want of an architecture suited to the climate, the soil, and foliage. They hanker after a style that shall be suggestive of a harmony with its sandy stretches, its grotesque fauna, and its highly coloured thickets of shrubs and flowers. And they are almost persuaded that some modification of the Egyptian architecture will satisfy the conditions. Lord Napier is of opinion that the same problem may be solved for India by the adoption of the Byzantine. His remarks on the unfitness of the classic style for houses, and the Gothic for churches under a tropical sky will generally be acquiesced in. For a small church, the Gothic is peculiarly unfitted. If a building is required to accommodate fifty or a hundred persons, the result is a structure at once inelegant, and painfully hot. Without the command of money and materials the Gothic is a failure. And yet we think his Lordship was almost too cursory in his reference to the churches in which this style has been adopted. Madras may well be proud of St. Mathias, Vepery, as a fabric specially singled out for commendation by one so true in taste and just in criticism as Bishop Heber. We were pleased to hear His Excellency refer to the occasion on which he laid the last stone of the most magnificent example of this style at Mengnanapuram in Tinnevelly, in which he stated that he had seen two thousand worshippers assembled; and to hear of Dr. Caldwell's devotion which had induced him to expend much time and thought on the rearing of a similar pile at Edyengoody. But, much as we may admire the enthusiasm and energy of those who have reproduced the Gothic, it is clear that an uniform style is needed. As for our houses, there may be comfort in some of them, but there is no beauty. We may not only travel from Royapooram to the Adyar but from Trevandrum to Peshawur and perceive little of any change. The same porticoed verandahs, square windows, and glaring compounds oppress the eye. The stranger finds it utterly impossible to distinguish between them. As for the Saracenic method, whatever may be its applicability to palaces, nothing can be poorer than its application to private houses for the middle class. Let those testify who have been compelled to live in a Mussulman house in a small up country station with its three windowless walls, and its single verandah. Indeed the next striking feature in all houses built on a native type is their entire absence of ventilation, the prime necessity in a climate like this. Fergusson declares that the Persian Princes showed almost as much taste and splendour in their palaces as in their mosques. But we can see from his own drawings that their greatest triumphs were all constructed on the unventilated model.

With regard to the Byzantine style, we know that it is capable of adaptation to churches by two of the most remarkable specimens in the world, the church of St. Sophia in Constantinople (now turned into a Mosque) and St. Mark's at Venice. They embody another principle of the utmost importance in buildings intended for public speaking, that they are reconcileable with the laws of acoustics. In the great churches and cathedrals of the middle ages, this necessity was greatly lost slight of, partly because a vast and highly decorated pile was thought to be a pleasing object in the sight of God and Man, quite apart from its usefulness; and second, because preaching was viewed as secondary to the perpetual sacrifice of the mass. It is a singular concidence that the latter part of St. Sophia's is in plan almost exactly like the Surrey Gardens Music Hall in which Spurgeon commanded the attention of eight-thousand persons for so many successive Sundays. The form is that of an elongated oval. We feel convinced that this or the circular shape, which was cultivated, with so much success during the early Christian period will ultimately be found to meet the requirements of a preacher and congregation more fully than any other design. The Saracenic has been thought to evince an analogy with our own Norman. It is at any rate clear that the spires, or polygenal chancels of the Norman also afford an idea of the possible adaptation of some forms of the Gothic to a sound theory of acoustics. Square corners and parallelogrammic spaces are fatal to easy hearing; whereas a fertile and ingenious management of the circular opens out a paradise of variety to the aspiring architect. It is very possible that Lord Napier may have had in his mind almost the only specimen of the Byzantine-Saracenic in England. We allude to the beautiful church at Wilton, a monument of the taste and liberality of the late Lord Herbert of Lea, whose family seat, as a descendant of the Earls of Pembroke, is in the immediate neighbourhood. For varieties of plan, though not for correct ornamentation, such Romanesque churches as those of St. Vitale at Ravenna, and of St. Lorenzo at Milan, may be studied with advantage.

In domestic architecture we wish there were any prospect of a change. The first step towards it would be the complete destruction of Black Town; and the next would be the selection of a site on a slight declivity, for want of fragrance and the fine arts are irreconcileable ideas. Some parts of Cairo or Damascus might be taken as models for the rebuilding. What we want is two or three streets sufficiently broad for carriages and horses to traverse and then smaller streets just wide enough for foot passengers or palanquins, with three storied houses and projecting oriel windows, so as entirely to shut out the heat of the sun. Between, there should be blocks of building in the true Oriental style, such as we see in the greatest perfection in the bazaars of Constantinople. They should run round cloistered courtyards with fountains in the middle, and shrubs to spread coolness and fragance intervening between the arches and the hot noon-day air. Behind, the ranges of traffic-mongers might cover as many stalls as their substance required. By this means, the customer could go from shop to shop without the expense to which he is subjected at the present time. Our space, like Lord Napier's, is exhausted, but not our subject. We only hope that the hints he has thrown out may find some fruitful soil in which to fructify, and that the impulse may be given to a style of architecture, which will at once exhibit beauty and provide coolness.

GREAT INDIAN PENINSULA RAILWAY

Statement of Traffic, Week ending 28th November, 1869.

Open 872 Miles.

	Rs.	a.	p.
Coaching	1,01,277	3	8
Merchandize	2,14,648	3	2
Electric Telegraph	1,699	8	0
Earth Trains	3,484	12	0
Total Rs.	3,21,099	10	10
Corresponding week last year open 874⅔ Miles — Total Rs.	3,50,016	9	6
Decrease	28,916	14	8

Eastern travellers tell about the curious mode of fattening favourites for the Imperial harem, practised in Morocco. You take a plump young damsel of about fourteen, with a tendency to obesity—few Mauresque girls are destitute of such a tendancy—and you shut her up in a room of which the windows are carefully darkened by heavy curtains of green silk. You cause your plump young damsel to sit cross-legged on a divan, and then, having by your side a bowl full of *couscoussou*, or moistened meal rolled into balls, you cram her during a certain number of hours every day with as many of those balls as she can conveniently swallow. Well crammed, the Mauresque girls of Morocco will pay an exceedingly handsome price for her. That nothing may interfere with the due conduct of the fattening process, a black nurse stands behind the incipient favourite with a *matrouk* or big stick, much used in Moorish domestic economy; and if the patient manifests any reluctance to swallow the balls of *couscoussou*, she is immediately and unmercifully thrashed. A similar course, abating the big stick, is pursued in this country with turkeys which are to be fattened for the Christmas market; they are shut up in dark coops, and crammed. The announcement, however, made by Mr. Howard, M.P., in his amusing paper on "Continental Farming and Peasantry," read at the Farmers' Club on Monday, that "lusciousness galosity," if we may call it so, is not unknown in French agriculture, will take a great many people by surprise. Mr Howard told his hearers of one M. de Crombec, who had purchased half his land out of the profits of his farm, and had "found it to be a great advantage to keep his cattle in darkness." They were free from flies and other annoyances, and had nothing to do but to get fat. The system, evidently borrowed from the Moorish practice, is no doubt efficacious, but is there not something like cruelty to animals in the scheme? Can it be pleasing to Him who prohibited the muzzling of the ox while it was treading out the corn, that men should hide dumb animals from the light of Heaven in order that they might accumulate so many more inches of fat on their ribs? We wonder whether M. de Crombec keeps canary birds and knows that a canary will sing all the more sweetly if, as a preliminary lesson in the solfa, you bore out its eyes with a red-hot needle?—*Daily Telegraph*

HIGH COURT OF JUDICATURE, N. W. P. MATRIMONIAL JURISDICTION.

Monday, 29th November 1869.

(Before the Hon'ble Mr. Justice Turner.)

Kelly *versus* Kelly.

This was a petition by Susannah Kelly against her husband, Michael Alexander Kelly, for judicial separation, on the ground of desertion, and for permanent alimony.

On the 27th instant, the respondent, Michael A. Kelly, had been examined at some length by Mr. Newton; and this day, in cross-examination by Mr. Mullaly, he deposed as follows:—I made no application to the parish priest for the publication of the banns. I never applied for a dispensation or a license: if such was obtained, it was so without my sanction or knowledge. I did not ask the parish priest to perform the marriage ceremony. Previous to the ceremony the priest informed me that, in order to satisfy the people, I must go through the form of confession. He brought me to a corner of the chapel, and obliged me to kneel down as at confession, but it was simply a conversation regarding the approaching ceremony, and not a confession of sins. This form of confession was on the same day as, and immediately preceding, the ceremony. I was at that time employed about two miles from Keedew. The place where I was employed on the survey, and to which the petitioner came to meet me, was about three miles from Keedew, I was not particularly bound to any time; so that the performance of the ceremony had to be hurried over. On the occasion of the alleged marriage mass was not celebrated, to the best of my recollection.

Susannah Kelly, the petitioner, was then called, and deposed.—I had known my husband ten or twelve months previous to the marriage. He came to my brother, asking him to give him board and lodging, and my brother said he did not take in lodgers, but to oblige him he would give him a room. John Cooney was my brother's name. I was with him at the time. Respondent put up with my brother eight or nine times continuously. Whilst he was there I used to see him daily, with the exception of two or three days, when I went to see my father. Two or three months after he came, he began to pay his addresses to me. He went to his brothers and remained there, as he had to appear at the Assizes; and when he returned he brought some jewelry and asked me to accept it, and to go to the priest to get married, but I refused to do both. I never at that time promised to marry him. I was then between 14 and 15 years old. He carried on some correspondence with me. I have not got his letters now. I tore then up because my brother was averse to my corresponding with him. I believe he wrote about six or eight letters. On the 6th May, I met him at a place about half way between where he and I resided—a place mentioned in a letter of his; it was about one o'clock in the day. I was at Mount Allen, he was at a village called Leitrim. He said that my brother and he had had some words because he asked me to take some drink. He asked me whether my friends were unkind to me. I said my family were put out about it, as they did not wish to have him as a connection. I think he then made some suggestion about going to the clergyman's house, with a view to ask him what he would say on the matter. He had previously asked me on several occasions before this interview to marry him, and on this occasion he asked me what objection I had to going to the parish priest of his place. I answered that he was not my priest, and that he could not marry us without giving notice to our parish priest, and I believed my parents would not give their sanction. We then walked on to my sister's, as I said I was going to my sister's for a day or two. My sister and her family were in bed when we arrived, which was at about eleven o'clock at night. My sister's out-offices were on the other side of the road, and we went into one of them. We remained there until the rain ceased. He then took me to an hotel in a village called Ballyfarne. We got some refreshments, and after that he took me to the clergyman, Michael Broder by name. He was our parish priest; they both gave me to understand we were to be married in two or three days. We then left and went to an hotel at Keedew. We had been some hours at the hotel, when my father, brother, and sister came. I saw my father pass the window. I went into another room and soon after the respondent came to me and said he had taken all the responsibility on himself, and had asked my father's forgiveness. I then went back to the parlour, where I found my father and sister. I remember some conversation about their taking me away. The respondent took out his keys, and handed them to me, saying we should be married in a few days. My brother, sister, he, and I then got into a car together, and arrived at home. I saw one other connection of mine at the hotel at Keedew. We went to church in a side-car, my brothers on horse-back following. We went into church together. He never raised any objection to go to church. I had no idea he was disinclined to go to church. There was a great crowd in the church and in the yard. There were about sixteen or eighteen at the wedding feast.

Mr. Newton.—Did your husband look sorrowful or joyful?

Witness.—Joyful, I think.

Mr. Newton.—So I should think.

Witness.—The guests stayed till three o'clock in the morning. We slept in what is called the large bedroom: they had been there, but they removed from that to another room. I don't recollect ever being locked up in the room. I remember leaving the room one night to mix a sleeping-draught for the respondent.

The Judge.—What was the sleeping-draught made of?—Whiskey?

Witness.—No, my lord, laudanum, I think. We stayed in the house about three weeks. We went almost every day out for a walk or boating. A lady acquaintance of mine went with us and two boatmen. We went to an island called "Lough Allen," belonging to Mr. O'Connor, Mr. O'Connor was absent. Only on one occasion the lady went with us; on the others only the two boatmen. We lived on terms of affection, and parted friendly. During the time we had lived at my brother's place he had borrowed my brother's gig and horse and as he said, gone to see his brother. He was then absent for two days and a night. When he returned to me he had had very unpleasant conversation with his brothers. He said the eldest, John, was very averse to owr marriage, and the other one, James, had expostulated with him, and said "You are married to a merchant's daughter, and Alexander, to a farmer's." He also said that John had lent him funds to leave the country, but that he would not do so. About a week or ten days after that he left me. He said he was going to see his brother again, and would return in a day or two. I then saw him walk away in the direction of my brother's (Patrick Cooney's) house. No one came to the house for him; his brother's servant once came to fetch some books. I have seen John Maghan at my father's house but never at my brother's; he never came to fetch respondent. It was about two days after the marriage the servant came. We were married by special license. I remember seeing it with the clergyman.

Cross-examined by Mr. Mullaly.—The respondent first arrived at my father's on the 6th or 7th May, and remained there about three weeks. The distance between respondent's brother's residence and my father's house was about thirty miles—I mean Irish miles. I confessed on the morning of the marriage to the priest. I had also prayers and instructions. I did not receive the communion on that morning. I don't think I ever received the communion conjointly with him. He first proposed to me in 1854, I think in the Autumn. The distance between my sister's house and the place where we met was about seven or eight miles. First I walked two and a half miles to the place of meeting. We took shelter in a barn, generally used for corn, near my sister's house. Respondent objected to going into the house. I did not tell him I feared my brother-in-law would ill-treat me. We left the barn at the first glimmer of day-light. I don't recollect respondent asking me to go to my sister's. The hotel to which we went was about two or three miles off my sister's.

To the Court.—I don't know who got the marriage ring. Before we left my father's house to be married, respondent asked me to kneel down before my parents to ask their blessing, and I then heard him say something about the ring. I have never heard from respondent since he left me, at least not before I came to India. I did agree to marry him subsequently, but not at first. I consented to do so before I went to my father's house. I did not wish the engagement to be known to my parents, as they had heard from my brother that the respondent had bad habits.

The learned Judge then ordered the Court to be cleared, as he considered it necessary to put some questions to the witness which were unfit for publication.

On the re-opening of the Court, the respondent was re-called by the Court, and certain questions were put to him regarding the facts as elicited from the petitioner; his answers in many instances being flat denials of the facts as stated by the petitioner, especially as regards what had happened from the time of the alleged marriage to the time he left the petitioner.

The case was then adjourned *sine die*, in order to enable commissions to be sent to Ireland, to prove the marriage and other material matters connected with the case.—*Pioneer*.

A gentleman is a gentleman the world overloaters differ.—*Josh Billings*.

Mdme. Patti is suffering from a sore throat of rather a grave character.—*Standard*.

The entire length of the Suez Canal, from Port Said in the Mediterranean, to the roadstead of Suez, in the Red Sea, is one hundred miles.

A little boy out West was asked whether he knew where liars went to. "Yes," he replied. "They are sent to a New York to write for the papers."

The *Nottingham Journal* says that the sum spent in bribery at the several municipal contests in that town one day lately has been estimated at about £2,000.

There iz no more real satisfackshon in lying up in yure buzzom an injury than there iz in stuffing a dead horse into who has stung you, and keep him tew look at.—*Josh Billings*.

INDIAN ITEMS.

Major-General A. Huyshe, Inspector of Artillery, Southern Division, is now visiting Allahabad in course of tour.—*Pioneer*, Dec. 1.

Owing to the sickness prevalent in Secunderabad, it is intended, we hear, to move the 18th Hussars from that station. More probably they will go into camp in the neighbourhood for the next two months.—*Ibid.*

Where is Kotulpore? We should like to know, for we hear that whenever illness is rife in Kotulpore, the local practitioner takes to his heels. He is a homœopathist to outward appearances, but evidently not one at heart. —*Ibid.*

At the Police Court on Tuesday last, Colonel Marshall was find 5 rupees for striking his horsekeeper.—*Neilgherry Excelsior*, Nov. 27.

Colonel C. A. Denison.—We are glad to learn that Colonel C. A. Denison, the President of the Municipal Commission, has recovered from the attack of illness from which he was suffering, and will attend office to-day.—*Madras Times*, Nov. 29.

More Clippings.—Deputies or attenders whose duties are to assist ministerial officers are to be dispensed with in all Offices of the Civil and Military Departments, it being considered that the work performed by them could easily, and should properly, be discharged by the ministerial servants themselves.—*Ibid.*

Regimental Command Allowance.—Col. Triscott recently appealed against the decision of the Pay Examiner and Controller of Military Accounts, disallowing his claim to Regimental pay and allowances with old rate of Command allowance on the ground that, Colonel Triscott was on furlough in Europe when appointed Commandant of a Regiment. On the reorganisation of the Native Army, he was not a "present incumbent" on the 31st October 1865, and therefore not entitled to the emoluments he had previously drawn when in command of the 43rd Regiment as a local Lieutenant Colonel, prior to his departure on furlough. The Government has ruled that as Col. Triscott had for some years held the command of a Regiment, prior to proceeding to Europe, and had while on furlough been appointed to the command of another Corps, owing to the reorganisation of the army, he was entitled on his return to India to revert to pay and regimental allowances with the old rate of command allowance under the terms of the Secretary of State's despatch published in G. O. No. 88, of 12th December 1865.—*Ibid.*

CARWAR AND HOOBLEE RAILWAY.

CAPTAIN WHITE'S REPORT ON METHOD OF WORKING INCLINE.

On the projected line between Carwar and Hooblee it is proposed to ascend the Ghauts by an incline of 1 in 17, instead of adopting easier gradients similar to those on the Bhore and Thull Ghauts. There is no doubt that it will be an economical plan and that the line will be much more expeditiously constructed, but the question is, what is the best method of working a gradient of this nature, for as yet there is not as much experience to guide us in the matter, as one could wish. Of late the necessity or desirability of crossing the Mont Cenis Mountains by a temporary line during the progress of the tunnel works, has brought the Fell system very prominently before the public, but as far as I can learn this system of working is by no Means new, and was tried in America for some years with no very great success. I propose to describe this system briefly, pointing out its advantages and defects, and then to examine other methods that have been employed for working steep gradients in various portions of the world.

2. On the first 24 miles of the Mont Cenis line, which is altogether 48 miles long, the mean gradient is 1 in 60, and on the remaining 24 miles 1 in 17; the maximum gradient 1 in 12. The curves are very numerous and vary from 2 to 5 chains radius; the gauge is 3 feet 7⅞ inches. On those portions of the incline which are steeper than 1 in 40, there is a third mid-rail on which adhesion is obtained by the engine by means of horizontal wheels worked from the same pistons at the driving wheels; the carriages are fitted with guide wheels and are also provided with brakes acting both on the vertical wheels and on the mid-rail, which assist in controlling the descent of the train over the steeper inclines.

3. The engines are provided with 2 pairs of vertical wheels and 2 pairs of horizontal wheels all of the same diameter, 2 ft. 4 in., which are worked by a very complicated arrangement of coupling rods and levers. The cylinders have a diameter of 15 inches, with a stroke of 16 inches; the weight of the engine, when empty, is about 18 tons, when in full working order, 20 tons. It may be remarked that the designs of the engines have been frequently altered, and that much blame has been imputed to the French makers for faultiness in workmanship; but the failures in design cannot be wholly ascribed to this cause, for the important changes and alterations in dimensions made from time to time show that the design itself was faulty from the very first.

4. The main principle aimed at in the Mont Cenis class of engine is to give a maximum of power with a minimum of weight; extra adhesion is gained without sensible increase of weight by the pressure of the horizontal wheels against the mid-rails; thus, dead weight is saved and the non-paying load considerably reduced. An engine of 18 tons weight, all available for adhesion and exercising a pressure of 24 tons against the four horizontal wheels, gives a total adhesion of 7 tons taking adhesion at 1-6th, or more than 1-3rd the weight of the engine, which is a very high ratio.

5. In practice, the Mont Cenis engines drag a maximum load of 25 tons up an incline of 1 in 12, the resistances being as follows:—

	Tons.	lbs.	lbs.
Friction of engine	18 by 16	=	288
Do. of load	25 by 8	=	200
Resistance of gravity	$\frac{2240}{12}$	43 =	8,026
		Total...	8,514

This is equivalent to the resistance of a train of 1,064 tons on the level, taking friction at 8 lbs. per ton, a train which no ordinary 18-ton engine could drag, for the adhesion would amount to only 6,720 lbs. against a resistance of 8,368 lbs., the advantage therefore of the system is obvious.

6. Moreover, the brake power afforded by the pressure which can be exerted on the intermediate rail both from the engine and carriages must be an invaluable element of safety in the descent of the incline, and gives also increased security in passing round sharp curves.

7. The defects, however, of the system, considering only the class of engine as at present designed, are so serious, that I feel myself bound to say no doubt that whether it will ever be extensively adopted.

8. The complication of the parts is excessive and it is stated in "Engineering," to which paper I am indebted for many of my facts, that the engines which make a return journey over the mountains, altogether 96 miles, invariably require more or less repair in getting back to St. Michel, so that to work the line properly it is necessary to keep up a very large rolling stock. Whether this complication can be got rid of is extremely doubtful; it is allowed I believe by engineers that the present class of engine may be much improved, but the whole idea of the mid-rail involves a certain amount of complexity which is not desirable in railway rolling stock.

9. Then again, owing to the vertical motion of the engine on its springs, there is a constant jarring of the machinery, and slipping in the gripping wheels; these, too, being worked from the same piston as the drawing wheels are of the same diameter as the latter, but as they will not wear away in the same ratio, the unequal wear leads to inequality of motion.

10. The engine is as it were constantly tearing at the central rail, and under heavy traffic, there must be considerable difficulty in keeping the three rails in proper gauge.

11. In the trial trip made over the incline it was noticed that the engine (on a dry day) dragged up the load without using the pressure of the horizontal wheels, so that as far as the ascent goes the central rail might apparently be dispensed with, though it would always be valuable in affording brake power in the descent; very steep gradients have been frequently worked by ordinary locomotives without any of these special appliances, and I will point out a few instances.

12. On the Don Pedro Railway in Brazil, whilst a tunnel was in course of formation, the traffic was successfully worked on a temporary line laid over the mountain with a mean gradient of 1 in 17 by ordinary 6 and 8 wheel coupled locomotives, the curves being as sharp as 230 feet radius. The 8 wheel coupled engine weighed 28½ tons, wheels 43-inch diameter, cylinder 19-inch diameter, stroke 22 inches, and dragged loads of 80 tons over the incline of 1 in 19. Here the resistances were—

	tons.		lbs.
Friction of Engine	28½ by 16	=	456 lbs.
Do. load	80 by 8	=	640 ,,
Resistance of gravity	$\frac{2240 \text{ by } 108\frac{1}{2}}{19}$	=	12,792 ,,
		Total...	13,888 ,,

so that the engine developed and adhesion of nearly 1/5th } = $\frac{13,888}{69,840}$

13. On the Virginia Central Railway, it was stated by Mr. Daniel Clark, before the Institute, that during the progress of a tunnel through the mountains, the traffic was carried over the mountain top by ordinary locomotives for several years without any accident on an incline of 4 in 17, and that on some of the Continental railways there were also inclines of 1 in 20 worked by ordinary locomotives. On the American line every artificial help was required to increase adhesion, chalk or sand being used, and the flanges of the leading wheels were also lubricated.

14. During the construction of the Ottoman Railway a tramway of 1 mile in length, 800 yards of which was laid on an incline of 1 in 11, was worked by an ordinary contractor's engine and 10,000 tons of goods were carried by it in the course of six months. The engine had 2 pairs of coupled wheels, 30-inch diameter, 11-inch cylinders with 18-inch stroke, weighed 10 tons in working order and drew a load of 11 tons. Here the total resistances amounted to 4,993 lbs. and as the weight available for adhesion was 20,364 lbs. a coefficient of about ⅕th was realized = $\frac{20364}{4993}$

15. On the Jefferson, Madison and Indianopolis Railway there is a long incline of about 1 in 15 for about 4 miles long, at a gradient of 1 in 15½, which has been worked according to different methods, which are interesting as bearing upon the case in point.

The traffic was at first for a short period carried over this gradient by the aid of light cars drawn by horses. It was then worked by an ordinary locomotive having cylinders 17 inches diameter with 18 inches stroke and carried on three pairs of coupled wheels 3 feet 6 inches in diameter. The weight of the engine was 26 tons, and it was provided with a tender weighing 16 tons. The maximum load which these engines could take up was 35½ tons, making total weight of train 75½ tons. The resistances to be overcome amounted to 11,312 lbs., and required an effective pressure per square inch on the pistons of 116½ lbs., the weight available for adhesion 26 by 2,240 = $\frac{26 \text{ by } 2,240}{10\frac{1}{2}}$ = 54,710 lbs., so that the resistance were rather more than one-fifth.

16. These results not being considered satisfactory, the incline was then worked by rack rail engines; they were tender engines, on four pairs of coupled wheels and each in addition to a pair of inclined cylinders, was provided with a pair of vertical cylinders which drove a tooth wheeled gearing into a rack laid between the rails. These engines developed a tractive force of 349 lbs. for each pound of effective pressure per square inch on the pistons, giving 3·6 times the force of the former engines; their weight was 38·39 tons or 86,000 lbs., giving an available weight for adhesion on the incline of 80,788 lbs. They took up a maximum load of 187½ tons, 420,000 lbs including the tender which weighed about 16 tons; the resistances to be overcome by the engine amounted thus to 33,232 lbs., required an effective pressure per square inch on the pistons of only 95 lbs., and were more than one-third of the weight available for adhesion.

17. These results may almost be considered more satisfactory than those afforded by the Fell system as carried out on the Mont Cenis, and the line was actually worked on this method for 16 years; but though the engines took up a good load, they like the Fell engines gave constant trouble on account of the breakages of various parts of their machinery and were very expensive to keep in repair; the sections of the rack rail also were constantly breaking and proved costly to maintain.

18. On these grounds it was determined to work the traffic with a heavy tank locomotive of ordinary kind. The engine designed was carried on 5 pairs of coupled wheels 3 feet 8 inches in diameter, and had cylinders of 20½ inches diameter with a 24-inch stroke. The tractive power exerted by these engines is thus 221 lbs. for each pound of effective pressure per square inch on the pistons, about ⅓rd less than that of the rack rail engine, and with an average weight of 108,000 lbs., of which 101,455 lbs. only are available for adhesion on the incline, they take up average loads of 200,000 lbs., one-half the performance of the former engine.

The resistance of this load on the incline amounts to 20,417 lbs., requires a mean effective pressure per square inch on the pistons of 92·8 lbs., and is a little more than one-fifth of the weight available for adhesion.

19. The results, therefore, were not to be compared with those of the rack rails engines, but the advantages of simplicity were considered to out-weigh the superior performances of the more complicated class of engine.

20. As far then as experience goes, I think it may be safely said that an ordinary locomotive engine, with all its wheels coupled, will drag a load equal to its own weight up an incline of 1 in 12 and double that load up inclines of 1 in 17, that in fact the 8-wheel coupled engines now used on the Bhore Ghaut would in the Carwar and Hooblee Ghaut drag a load of 100 tons on each trip; but considering the agency by which railways are carried on in India, the evident risk that always must always be in working inclines as steep as 1 in 17, and the never-failing care necessary, is it advisable to adopt the ordinary system of traction simple and adaptable as it may be; even on the Bhore and Thull Ghauts where the inclines are much more favourable, the traffic has not been carried on without serious accident, what prospect, therefore, would there be of a fair amount of safety in working such an incline as 1 in 17?

21. Again, there is the economic objection to this, as also to the Fell system, that considerable power is expended in taking the locomotive to the top of the incline, a great portion of which is thrown away, for if every carriage were provided with its own brake, the passenger train could descend the incline by itself, and the dead weight of the engine would only be of use in working the descending portion.

22. The Fairlie engine has been much discussed of late; it is a double bodied locomotive, the fire-box occupies the centre, and at each end of the fire-box proceeds a cylindrical shell containing the tubes, the tubes terminate in a smoke-box at each end of the boiler, which is supported at each end on bogies; the bogies are each provided with 4 or 6 coupled wheels and 2 outside cylinders; each bogie constitutes a distinct engine. The advantage of the system is that it permits of the construction of a heavier and more powerful engine, with a given weight per wheel; for the weight on each wheel can be lessened to an extent not attainable by the ordinary engine. Though it would appear that an engine of this class would not be unsuitable for working the main line of the Carwar and Hoobleé Railway which has very heavy gradients, there would be nearly the same risk in working over the Ghaut incline as with the ordinary locomotives.

23. The same objection would apply if the load was utilized for adhesion, and the engine and carriage combined, the risk however would be very much lessened; it might be feasible to work passenger traffic in this way, but there would be the same difficulty with a heavy goods traffic.

24. I think, therefore, that it would not be expedient to adopt either this or the ordinary locomotive, and that some other method of traction, such as that of a rope traction, an instance, of which I will now describe, will in all probability meet the difficulties of the case.

25. On the San Paulo Railway in Brazil an incline of about 5 miles in length and of a mean gradient of 1 in 9·75 has been successfully worked in this manner for some years. The total height gained is 2,550 feet, which is divided into 4 banks or lifts. The inclines are worked by means of ropes with winding engines at the head of each bank; on the long mean gradient of each incline a single line is laid for half the length of the bank when it merges into a crossing station. At the crossing station the lines branch into two parallel lines, each of sufficient length to accommodate a train, and these unite at the upper end of the crossing station into a road formed of three lines which extend to the top of the banks. One train is made to descend while the other ascends the bank, and the triple road from the crossing station to the head of the bank enables the two lines of ropes which during the greater part of the time are traversing that part of the bank to be kept quite clear of each other.

26. The winding drums are 10 feet in diameter; the ropes are of steel wire, are 3¼ inches in circumference and have a breaking strain of not less than 30 tons. The length of rope extending down the incline weighs about 9 tons, and with a train of

EUROPEAN GOSSIP.

PARIS, 30TH OCTOBER.

REVOLUTIONS are like earthquakes or Doctor Cumming's last hours of the world: name a day for one and you may back it a thousand to one not to come off at the appointed time. Twenty thousand (at least) very magnanimous persons left Paris within the last eight days, and drafts on London or Brussels or Geneva were being drawn last week from foggy morn to shivery eve in every banking house in this brave capital. As others went out the Emperor and Marshal Bazaine quietly came in. The withdrawal of the bravest Roman of them all at the last moment,—I speak of that impracticable old republican, Raspail, of camphor notoriety,—however, made it evident that business was not intended. Nearly half a million of men and boys were ready to descend into the streets and face the Chassepots, but all were mere soldiers of democracy; no officer would step to the front, and so an easy victory remained to the Government. To give the latter its due, it showed every disposition to get up a fight. It is true the intended assemblage and review of troops was given up; but a suggestive, and uselessly threatening, proclamation was issued on Sunday. I cannot conceive anything more unwise than a threat of pains and penalties when no mischief or illegal act was intended. When Marshal Bazaine was appointed at the critical moment to the command of the Imperial Guard, it was easily known that business was meant, and that the bloodletter of Mexico would not spare the *gamins* of Paris. In fact, poor little Marshal Canrobert, who commands the 1st Division, is known to be thoroughly unfit for his position on critical occasions, and I am told a decree was ready for signature giving Bazaine supreme command; and still this very Marshal had been for some time out of favour at Court, especially with the Empress, for an act of indecision at a critical moment. His orders were to carry off poor Maximilian out of Mexico, if necessary by force, if he thought the life of that Sovereign was in danger when the French Army left the country. The Marshal had no doubt of the danger, and still, on the refusal of the Emperor to accompany him, he left him to his fate. If the gallant officer had a chance on Tuesday, the slaughter of a couple of thousand troublesome citizens —especially had there been a sprinkling of newspaper men, amongst the victims—would have fully washed away his former want of energetic action. An enemy to revolution, even more important than Marshal Bazaine, blessed us on Tuesday in a delightful, drenching rain-fall which came down closely and steadily all the morning and until the afternoon. Well-disposed persons were enjoined by the proclamation to remain at home; and as one always well disposed towards his present Majesty, I should have strictly obeyed the injunction were not an exception to any order whatever known to be the rule for the correspondents of the *Pioneer*. I compounded the matter by taking as my weapon an umbrella instead of a dagger. Walking down the Boulevards early in the afternoon, I found them rather more deserted than usual. The weather would account for that. Taking a cab I told the driver to drive me to the left bank of the river—"Where, monsieur? Is it to the Cathedral of Notre Dame?" said the fellow with a grin —"Not exactly; to wherever the students may be working up the revolutionary steam." He drove on, and when across the bridge, finding he had secured his fare, he turned round—it was one of those little open *fiacres* so convenient in Paris—and said—"There's none, monsieur"—"No what?"—"Why, no revolution nor a chance of it. The word is everywhere out that the day is not *yet* come." The fellow was right. There was intense calm in the *Quartier Latin*. My next move was towards the Chamber of Deputies. A few curious foreigners under umbrellas were assembled in expectation that Raspail was coming to take his seat. As the word passed from one to the other, that even he whose great monomania is that every one is a Jesuit, preferred smelling camphor to powder and had caved in, the spectators moved on across the bridge and swelled a crowd which I at last came upon in the *Place de la Concorde*. I dare say it would take fifty thousand persons in ordinary loose order to fill this magnificently decorated open space; but the little crowd I speak of could not be of greater number than three or four hundred enough to show

A glance was enough to show that those present were not of the *courrier*, the revolutionary, or the fighting class. There were neither blouses nor long beards to be seen. Excellent broadcloth and well-scraped cheeks characterised an extremely respectable little mob under acres of brown silk. Umbrellas were the weapons of the occasion. Many of them were in the hands of a few often excessively curious Parisians with nothing to do. I expect the pressure of several was privately invited by the police and friends of the Court, and the remainder were Yankees. You will perceive that I have not included the latter amongst the strangers, inasmuch as they usually make themselves at home wherever they are. Several faces were remarked in this crowd, as the same who, at the opera the night before, were loudest amongst the applauders at the excellent reception the Emperor had. At all events, I believe the word was passed up to the Tuileries, that a crowd had assembled in the *Place de la Concorde*, and that it was not an unfriendly one. His Majesty had come to the Palace the day before from Compiégne, leaving the little Prince Imperial behind him, and had been up from 7 o'clock in the morning, and in frequent consultations with Marshals Canrobert and Pazaine, and M. Pietri, the Prefect of Police. Indeed, I apprehend the latter might be assured His Majesty that the 26th would be the quietest day this city had seen for a long time. About the time when the little crowd was at its height, a message was passed down that the Emperor had come out for a promenade, and was moving towards the balcony of the gardens above the Palace by the beautiful long walk sheltered overhead by the intervening branches of the lime-trees. In a moment he showed himself smiling and in plain clothes. He looked far better than at any time I have seen him since his illness, and his usual placid, gentlemanlike expression of face seemed to have returned to him,—that is, as far as I could observe, for I was rather in rear of the crowd which rushed up towards the terrace. We were all evidently Imperialists, and our cries of *Vive l'Empereur* seemed to be unanimous. His Majesty bowed and retired, resuming his slow, quiet walk. Some semi-insane gentleman in the crowd pulled out a paper, and attempted to read something in verse. It was said to be anti-imperialist, and he was hissed, hustled, and threatened, and was glad enough to make his escape. All the afternoon and all the evening the streets were pretty crowded, and the eating-houses were especially full. There was an immensity of talk and shoulder-shrugging and gesticulation, but no more. The papers were rushed upon when they appeared in the Kiosks; but, as usual, they contained no news. The Government journals vaunted: the moderate ones sneered at both sides. The *Rappel*, *et hoc genus omne*, abused the Emperor and Imperialism as usual. And so this day of terrific threatening has passed like that which preceded it. There will be no revolution then? None—for the present. The only thing as yet which has come from the threatened demonstration is a thorough prostration of business. The shopkeepers make most deplorable complaints, and the hotel people have empty establishments. Yes, by the way, there is an exception. Some clever hatter has invented what he calls a *Chapeau 26 Octobre*. All the world this season, male and female, had gone mad on the *Chapeau Tyrolien* adorned with prancing feathers; but the *Chapeau Octobre* 26 are hideous things in form of the well-known Phrygian cap, but rendered ridiculous by an upright feather stiff as an obelisk at the side. I hear they are buying them in the Faubourgs. If the revolution had come we should have had them for nothing. Indeed, there were already arrangements for appropriations. A friend of mine heard a young blackguard on Tuesday asking a companion how much his nice new hat and peacock's feather cost. "*Mon ami*" he replied, "I cannot tell you, for the hatter was absent from the shop when I took it." As to writing on any subject than the *revolution manquée* this week, it seems impossible. Gossip hushes itself with nothing else; politics are asleep; publishers will not bring out books in a week when no one will read them; even fashions were held suspended until the *Couturières* saw whether Imperialism were confirmed or abolished. But next week I may have more news for you, and better ones probably too. It may be that the Emperor, having gained his victory over the irreconcilables but not the constitutionnliets, may summon the Chambers before the procrastinated 29th November. General Fleury, who never stirred from his Majesty's side on Monday, Tuesday and Wednesday, has gone to Saint Petersburg, and it may be that before long we shall hear of propositions for a general disarmament, which means diminished budgets. It may be also we shall hear of a King for Spain and a Queen for Bavaria, of a change of Ministry in new Italy, and of a Sultan's visit to old Egypt.

At this moment I can scarcely hear at Club or drawing-room of news with which a week ago they would have been overflowing. For instance, I want to know all about Prince Metternich. "Ah! Prince Metternich; yes, if he were here what advice would he have given the Emperor on Tuesday?" Such is the manner in which everything is turned. But, really, as to the Austrian representative, the hero of the latest duello, by much prying I discover that his Excellency went about too soon, and that a bleeding of the arm re-commenced in the night,—and, in fact, that his life is in a precarious state enough. I only believe half this however, and I feel certain these hints of danger are delicate strokes of diplomacy to get the charitable Princess to his bedside. She is coming, and I believe is forgiving. Why will married ambassadors of apostolic majesties be mad enough to write love-letters to any but their wives? People are never what they seem. Thus, among men are often really the simplest in the world, just as members of the Peace Society are occasionally the most combative, and those who go in for punishment of cruelty to animals the most ferocious. By the way, a story is told even this busy week *apropos* to the latter assertion of mine, and of two gentlemen well known in society here. One of the heroes is a man of high position, and presented himself to the Secretary of the Society for the Protection of Animals (French not English) for admission. There was some old grudge between the applicant and the Hony. Sec., and the latter put the former to the proof of his eligibility for membership. This gave offence and an altercation arose. "If I were not of the Society whose mission is the defence of animals," shouted the Honorary Secretary, "I would box your ears soundly"—"Oh! as to me," replied the candidate, suiting the action to the word, "I am not yet a member, and here's the proof of it." How anxiously I wish that I could give your babyreaders a word on winter fashions to-day! I have explained the impossibility of doing so. Winter has commenced very coldly, but politics have prevented the fears coming with it. I suppose people keep themselves otherwise warm. The strike amongst *Messieurs les Cabiots* (not yet over) also contributes to the unsettled state of matters toilettical. Possibly, too, the absence of the Empress and Princess Metternich may have helped to prolong the autumnal interregnum. The only thing I think I can perceive is, that eyes will be worn very light in colour. You may smile at this tampering with the tints of nature; but the *fin dit* is that some clever fellow—I think it must be a woman, a man never could accomplish anything so wonderful—has discovered a mode of dyeing eyes; I do not mean glass eyes, but real mode of dyeing eyes; I do not mean glass eyes, but real living colour. I suppose you know the story of the Haitian glass-eyes which one of the late Emperor Soulouque's Generals—I think it was the Duke of Cassonade (which being interpreted means brown sugar)—ordered in Paris. You don't? Well, this was what happened, and it is as true a story as ever was told. The General had received a wound in some civil broil which caused him the loss of an eye, and the gallant nigger wrote to a famous merchant of these things (artificially) in Paris to send him cut a glass one at once. The artist in eyes saw no difficulty in this case, and he manufactured a beautiful article and despatched it by next ship; but the returning post brought him a dry enough response from the General in the following terms (I have seen the original with the eye-seller): —"Sir, you have remitted me a black and white eye. Be it known to you, if I condescend to carry a glass-eye in my head, that it must at least be of the national colours of my country." The French eye-maker, slightly shrugging his shoulders at the objection, said to himself:—"I see there are more eccentric people than the English in the world," and he put one of his best assistants again to work. They manufactured a lovely, expressive red and green eye—these being the colours of the natural flag of Haiti—and the General was so delighted with it that he only wore it in his head at Court receptions, reviews, and other State ceremonies. On other occasions, wishing to keep it continually in view, he bore it in his button-hole as a sort of natural cockade. I had another story to tell you to-day, but after this simple one it might appear improbable. I think it better, therefore, to close a letter already too long.—*Pioneer*.

REPORT OF THE ROYAL COMMISSION ON MILITARY EDUCATION.

[CONCLUDED FROM YESTERDAY'S "GAZETTE."]

ADMISSIONS TO THE ARMY BY DIRECT COMMISSIONS.

THE examinations of candidates for direct commissions should be held in London at such periods as the exigencies of the service may require, and should be conducted by the Civil Service Commissioners, the age of the candidates should be from 17 to 20, the present distinction between the ages for Cavalry, Infantry, and Colonial Corps is to be abolished. The present medical examination certificates, &c., should continue. The subjects are:—

	Marks.
1. Latin	4,000
2. Greek	3,000
3. Mathematics (arithmetic, geometry, algebra, and plain trigonometry)	4,000
4. English composition, tested by writing an essay, letter, or precis	1,000
5. French	2,000
6. German	2,000
7. History, the periods to be taken up being notified beforehand	1,500
8. Experimental sciences, either chymistry, including heat, or electricity and magnetism.	1,500
9. Freehand drawing	1,000

Arithmetic and the first book of Euclid are to be obligatory, 1,000 marks being given for them, one-third of which are required for qualification. In the English language the candidate must write correctly and well from dictation. In French or German 300 marks at least must be obtained; but of the remaining subjects any two may be selected, or three, if freehand drawing be one of them. No marks are to count unless they amount to one-fourth of the total given for that subject, and at least 2,000 marks altogether must be obtained for qualification. In classics passages must be translated from the usual school-books. Grammatical questions should be set, and passages of English prose given for translation into Latin. No translations into Greek prose should be required, nor verse composition in either language. The candidates should be placed and offered commissions in the order determined by the results of the examination. No candidate to have more than three trials, nor should he be allowed to present himself for re-examination for six months if his marks are between 1,000 and 1,500, and not for a year if they are below 1,000. Students from the various Universities who have passed "Responsions at Oxford," the "Previous Examination" at Cambridge, or the corresponding examination at other Universities are to be considered qualified for a commission by purchase, if they are of the proper age. To candidates who have taken a degree in arts the age for admission to the army by direct commissions should be extended to 22 years. But in all these cases certificates of character, age, and physical fitness are to be required.

INSTRUCTION TO OFFICERS OF THE GUARDS AND LINE; AND SPECIAL EXAMINATIONS.

Two years after joining their regiments or depôts strict examinations, demanding higher qualifications than are at present required by the Queen's Regulations should be held for all officers of the Guards and the Line. Until they have passed it they are not to be promoted to the rank of captain. Failure to qualify to be re-examined within six months; a second failure to be specially reported to the Horse Guards. Officers now in the army below the rank of captain will be required to pass their examination within two years from a date to be named by the Secretary of State for War, unless they have already passed the existing examination for the rank in question.

This special examination should be in addition to and independent of the existing examinations for promotion laid down in paragraphs 159 to 165 of the Queen's Regulations, except that sections (a) and (g) will be superseded by the more stringent special examination in military law, field fortification, and reconnaissance. The Commissioners recommend, however, that the present examination should be conducted more strictly. The special examination should comprise three subjects:—

1. Military law, comprising a thorough knowledge of the Mutiny Act and Articles of War, and the proceedings of Courts-Martial. Until the recommendation of the Royal Commission on Courts-Martial, that a text-book on military law and evidence should be prepared, is carried out, some standard work on the subject is to be named by competent authority, and the candidate is to be strictly examined in it.

2. Field fortification, including the training and constructing simple field works, making rifle-pits, putting hedges, walls, bridges, and buildings in a state of defence; the distribution of working parties, making gabions, fascines, and various revetments; making and planting palisades, abatties, obstacles, &c.; knotting; lashing together spars; making temporary bridges; laying out encampments, including construction of field ovens, &c.; attack and defence of outposts; street fighting.

3. Field sketching and reconnaissance; the lowest qualification must be to read and understand a military plan; to draw up a report on a road; and to make an intelligible sketch of an outpost; text-books on all these subjects should be prepared. The examinations to be conducted partly by sealed printed questions, sent from the Director-General of Military Education, partly orally, and practically upon the ground by a Board, consisting of a field officer, the commanding engineer, or an officer, not under the rank of captain, deputed by him, and a garrison or regimental instructor. The certificate of competence is to be granted by the Director-General of Military Education.

Garrison instructors are to be appointed, with the pay and allowances of a deputy assistant quartermaster-general, to conduct instructional establishments at certain large stations. It is supposed that Aldershott will require two or more of these: Shorncliffe 1, Colchester 1, Portsmouth 1, Devonport 1, Dover 1, Chatham 1, Dublin 1, Curragh 1, Cork 1, Gibraltar 1, Malta 1, Halifax 1; total, 14. A similar staff of 16 garrison instructors would probably be required for India.

An officer with the pay and allowances of an Assistant quartermaster-general should be appointed at Aldershott to superintend the local instruction and supervise the whole system for the army, subject to the orders of the Director-General of Military Education. A similar officer to be appointed in India.

Regimental instructors, with an allowance of 5s. 6d. per diem, should be appointed wherever the regiment or battalion is not likely soon to come within reach of a garrison instructor. When, in the future, they come into large garrisons they are to assist the garrison instructor. About 50 regimental instructors will probably be required. Every officer who has not yet passed the special examination must attend a course under the garrison or regimental instructors, and all officers whatever should be permitted to receive instruction in military history and military administration. Soldiers also are to be taught by regimental instructors. Instruction in foreign languages at a nominal charge should also be provided for voluntary classes of officers at large stations. Artillery drill and throwing up field works should be taught to battalions under Artillery and Engineer officers. Regiments to be specially examined in these duties at the half-yearly inspection. Officers who have passed the Staff College are to be considered as qualified for instructors, and, when none such are to be found, commanding officers are to be allowed to send an officer from each battalion to be trained for two months at the Staff College and three months at Chatham. Generals, in their half-yearly inspection reports, should make special mention of officers likely to become efficient instructors.

INSTRUCTION OF ENGINEER OFFICERS.

The Royal Engineer establishment at Chatham is considered highly satisfactory, the Commissioners only suggest that the officers should be taught road-making. More accommodation should, however, be provided, and "it is considered that the addition of such a building as the Royal Artillery Institution at Woolwich would add greatly to its working power." Suggestions were made for employing the establishment to give instruction generally to officers of the Line, but the Commissioners do not recommend it.

INSTRUCTION OF ARTILLERY OFFICERS.

On leaving the Academy the young officers of the Artillery should be put through a systematic course of instruction at Woolwich and Shoeburyness, and pass an examination at the end of the course, which should include:—Practical artillery at Woolwich and Shoeburyness; a course in the Arsenal, &c.; elements of veterinary knowledge; military law and administration, including correspondence and account; the tactics of the three arms.

The whole of the instruction at Woolwich should be under the Director of the Department of Artillery Studies, who should arrange all the courses, and have the young officers on first joining placed immediately under him. Some slight addition to the Staff of the department may be rendered necessary. Lectures should be given on the tactics of the three arms. The present class for officers from the Staff College will no longer be necessary, as other arrangements have been made for them.

The advanced class of Artillery officers appears not to have answered all the expectations formed of it. The Commissioners, however, recommend its continuance, but personal competition among the students should be abolished, a final qualifying examination being substituted. The certificate of having passed the advanced class, although a necessary qualification for employment in the manufacturing departments, should confer no absolute personal claim for an appointment.

The School of Gunnery at Shoeburyness is considered highly satisfactory. The Commissioners have only to recommend an increase in the number of officers attending both the long and the short courses, and that all the young officers on joining should have a short course of practical instruction at Shoeburyness. The improvement and enlargement of the officers' quarters are strongly recommended.

STAFF COLLEGE.

To increase the value of the Staff College education the Commissioners wish that a certificate from it should be a necessary condition of appointment to the general Staff of the Army, but that such a certificate should confer no absolute personal claim.

Officers of all branches of the service should be allowed to pass the final examination, subject to certain restrictions, without having gone through the course at the Staff College.

Officers to be selected for the Staff on the grounds of their special qualifications, without reference to seniority in the date of passing the examination.

Engineer officers to be required, like all others, to pass the final examination.

For the future Military Secretaries and Assistant Military Secretaries should be taken from officers who have passed the final examination at the Staff College.

Aides-de-camp to be appointed as at present, after passing the examination specified in the Queen's Regulations. No officer should be appointed even provisionally until he has done so.

Officers who, while cadets at Sandhurst, have passed special examinations with distinction should be qualified for the post of aide-de-camp without further examination. The Commissioners probably intended to make the same recommendation with regard to Woolwich, but have not done so.

Garrison instructors now, and regimental instructors as soon as possible, should be taken from among those who have passed the Staff College Examination.

Admission to the Staff College to be open to all arms of the service, and determined by competitive examination. The number of the students to be increased to forty. Twenty vacancies to be competed for each year, five of which should be open to the Artillery and Engineers.

The following changes are recommended in testing the qualifications for admission to the College:—

Every candidate should before examination be attached for a month to the Staff of a General Officer, who should report confidentially, upon his fitness for Staff employment.

The commanding officer of the candidate's regiment should have to answer certain specific questions regarding the character, habits, disposition, &c., of the candidate, who must have passed the special army examination in addition to that for a troop or company.

Candidates who present themselves for final examination without having gone through the course of residence must have served seven years and have all other qualifications as exacted from candidates for admission.

The entrance examination is to comprise the following subjects:—

	Marks.
1. Mathematics, as far as plain trigonometry and elementary mechanics	900
2. Military history and geography	900
3. French	300
4. German	300
5. Hindustani	300
6. Fortification	600
7. Military drawing	300
8. Geology, exclusive of mineralogy	300
9. Chymistry, heat, electricity, and magnetism	300

1. The candidate must qualify in the lower mathematics (arithmetic, first four books of *Euclid*, and algebra to simple equations). 400 out of the 900 mathematical marks should be assigned to this portion, and 250 marks required for qualification.

2. Either French, German, or Hindustani. Qualifying *minimum* in French, 150 marks; German or Hindustani, 100.

3. Elementary field fortification. A simple paper is to be given, and one-third marks must be obtained.

4. Rudiments of military drawing. Qualification as for field fortification.

The other subjects are optional. A *minimum* of one-fifth should be fixed and deducted from all marks gained on that subject.

The course of instruction should be for two years. Individual competition should be abolished, and a system of classification introduced in its place. A probationary examination to test progress should be held at the end of the first year, but have no influence upon the final classification in two classes representing "honours and pass" respectively. The standard of the pass examination should be raised above a mere qualification. The Examiners should be independent of the College, and the examination should be partly *viva voce*. The studies at the College should be divided into obligatory and voluntary. The position of the student in examination should be determined by his proficiency in the obligatory studies, but those distinguishing themselves in voluntary subjects will be specially mentioned.

The obligatory subjects should be:—1. Fortification and field engineering. 2. Artillery. 3. Military drawing, field sketching, surveying, with photographic copying of maps. 4. Road-making. 4. Reconnaissance. 5. Military art, history, and geography. 6. Military administration and legislation. 7. Either French, German, or Hindustani. 8. Military telegraphy and signalling.

At the end of the first year there is to be a qualifying examination in practical mathematics, which is, however, to have no influence upon the classification, and beyond this point mathematics should cease to form part of the course of instruction at the College. The voluntary subjects should be:—1. The two languages not selected as obligatory. 2. Geology, exclusive of mineralogy, and limited to the military applications. 3. Experimental sciences,—viz., chymistry, heat, electricity, and magnetism as practically applied to military science. 4. Any modern language. 5. Landscape drawing. The Commissioners further recommend that the instruction in all subjects should be more strictly practical, and, at present, should bear directly upon the duties of Staff officers in the field.

More exercise should be afforded in the practical portions of field fortifications and less time devoted to permanent fortifications, especially the mechanical drawing of plates. The construction of bridges, laying out field works, and reconnaissance especially exercised by the students themselves. Less attention should be paid to the theory of artillery science and details of construction; more attention to its employment to the best advantage in the field. The instruction in reconnaissance should be very thorough, and under the personal superintendence of the professor, who should deliver lectures on that subject, and on the disposition of forces for the attack and defence of positions. Great importance should be attached to rapidity in execution, little to mere elegance of drawing and printing. It is recommended that £100 a year should be annually granted to the College to carry on a system of reconnaissance on an extended scale. Road-making should be studied and practically illustrated. Increased time should be given to military history, military administration, and law. Lectures on the drill and movements of the three arms should be given in connexion with military history. A text-book on administration should be compiled, and the practice of taking notes at lectures should be no longer compulsory.

Practical instruction should be given in the art of encampment, transport by railway, transport of sick and wounded, embarcation and disembarcation of animals, and the camp equipage and the harbour of Portsmouth will afford place for the practical illustration of these special staff duties. Greater attention should be paid to the style of framing military reports. Practical operations in telegraphy and photography should be executed by the officers, and in languages, great importance should be attached to colloquial proficiency. The riding establishment should be improved, and as many duties as possible should be carried out by the officers mounted. The Staff College should be distinctly separated from the Cadet College. The commandant to be appointed on the ground of his special knowledge of staff duties. His appointment to be for seven years, with power of re-appointment, but to terminate as recommended for Aldhurst and Woolwich. The office of adjutant to be abolished. The officers under instruction might be detailed by turns to act as orderly officers. The slight reductions recommended in the Staff would cause its list to stand as follows:—One commandant, one professor of military history, one professor of fortification and artillery, one professor of military drawing and surveying, one professor of military administration and law, one professor of mathematics, one professor of French, one professor of German, one professor of Hindustani, one professor of chymistry and geology. A saving of about £500 is effected on the Staff, but the admission of ten additional students would about bring it to its original amount.

The commandants should give personal instruction in reconnaissance, and be responsible for the whole superintendence. He should be assisted by a College Board composed of the professors.

A stringent system of confidential reports should be introduced. They should be forwarded at the end of every term by the commandant to the Commander-in-Chief. Any student unlikely to make an efficient staff officer should be recommended to leave. Similar reports should be forwarded at the end of the course, stating for what particular department of the Staff each officer appears to be suited. The present qualification in high mathematics for employment in the topographical department should be abolished. Instead of it, officers should have to prove their proficiency in French, German, Italian, and military drawing. Candidates presenting themselves for final examination, without having passed through the College, must reside there for six weeks or two months previous to the examination, in order to be tested by the commandant in various practical subjects. They should also pass the qualifying examination in practical mathematics. A moderate staff of permanent servants should be provided for the students.

The system of attaching officers from the Staff College to the various arms of the service should be discontinued, and, instead of it, they should be attached for three months, during the following summer drill season, to the staff of a general officer at some camp where all the three arms of the service are present. He should afterwards send in a confidential report upon their abilities and special acquirements. On every possible occasion officers favourably reported upon as qualified for staff employment should be employed as extra staff officers.

Paris has 4,730 cafes.

Mr. Merry's sunshine is the favourite in the betting for the Derby of next year.

French epicures have found that the worms of the cockchafer when properly cooked form a toothsome dish.

Punch was seized in Paris for the cartoon representing the Emperor as Blondin crossing Niagara on a velocipede, bearing the words "Personal Government."

A lady, who was more favoured by fortune than education, at a party she gave desired her daughter to play "the fashionable new malady she got from Boosey's last week!"

The medical officer of the Dudley Union has given a certificate to a pauper, one Isaac Twiney, of Tryhouse Lane, to the effect that the patient is suffering from "hypocrisy and laziness."

GENERAL BUTLER AND THE REPORTER.—Genl. Butler was interviewed by a Milwaukee reporter with the following result: "I don't know anything. The papers have told more about me than I know myself. D—n the papers, say way, and doubly d—n these interviewing reporters. I have not a word to say about politics, the state of the country, or finances now. I did not come out here for any such purpose."—*Anglo-American Times*.

THE WIFE MARKET IN RUSSIA.

(*Continental Gazette.*)

SITTING up all night, with a couple of Russian ladies, might, or might not, suggest the idea of telling you something of the marriage customs of this strange country. A French writer has truly said "the Russians are a nation of polite savages," a remark that is not very apt, but it helps towards a proper understanding of the social condition of the people. The rich are very rich, the poor are very poor. The nobles are courtly, polite, and as refined in manners as those of the same class in Germany; but the serfs, or those who belonged to the nobles, with the soil, before the emancipation, are rude and not half civilized.

Almost as soon as a girl is born, in the better ranks of society, her parents begin to prepare the dowry she must have when she goes to her husband.

For this is indispensable in the eyes of any Russian young gentleman who proposes to be married. She must furnish every thing for an outfit in life, even to a dozen new shirts for her coming husband.

We have heard of a lady of rank and wealth who had prepared a costly dowry of silks, linens, jewels, plate, &c., for her beloved daughter, who died as she came to be twenty years old. The mother resolved to endow six girls with these riches, and actually advertised for them. A host of applicants came, and she selected six. None of them had lovers. But now they had a respectable dowry secured each girl was speedily engaged, and, with the husband, took the dowry, and paid the rich lady by promising to pray for the repose of her daughter's soul.

In no country is this arrangement of terms carried on with more caution and completeness than in Russia. The young man goes to the house of his proposed bride, and counts over the dresses, and examines the furniture, and sees to the whole with his own eyes, before he commits himself to the irrevocable bargain. In high life such things are conducted with more apparent delicacy, but the facts are ascertained with accuracy, the business being in the hands of a broker or a notary. The *frousseau* is exposed in public before the wedding-day.

At Whitsunday, there is a curious custom, which is gradually giving way with the advance of civilisation. The young people of a neighbourhood come together, and the girls stand in a row like so many statues, drapped, indeed, and not only drapped, but dressed in their best, and painted, too; for the young ladies, and the old ones also, of this country, use cosmetics freely, and a box of lady's paint is a very common present for a young man to make to the girl he likes. Behind the row of girls are their mothers; the young men having made known their choice, the terms are settled between the parents of the parties.

The ladies in Russia are very anxious to marry, because they have no liberty before marriage. They are kept constantly under the maternal eye until they are given up to the husband, and then they take their own course, which is a round of gaiety and dissipation only regulated by the means of indulgence. To a Greek Church, like the Roman, permits no divorce, but the Emperor, like the Pope, can grant special dispensations. The Greek priest must marry once, and if his wife dies he cannot marry again. No one in Russia can be married more than three times.

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And on the 30th of the same month, for
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